

From The STAFF

WANTED: A HOST FOR WTFDA CONVENTION 1990... The 1989 WTFDA Convention will be going on at North Syracuse, NY around the time you receive this issue. It's already time to start thinking ahead to next year. We need a volunteer to host the 1990 gettogether. If YOU would like to host the event, it's time to drop a line to club P.O. Box 514 (be sure to mark your letter "Attention WTFDA Board of Directors" so that individual copies can be forwarded to them). All serious bids are considered; if you are interested but not sure about what's expected of a convention host, enclose a self-addressed stamped envelope for reply and we'll fill you in on the details. If more than one bid is received by September 30, a membership vote will determine the site.

SPEAKING OF VOTING... A volunteer is needed to coordinate a club membership survey. Such a project gets suggested periodically and always is a great idea, but we need a qualified volunteer to conduct it and to write an article summarizing the results. Response to club membership surveys conducted in the past was very poor. This could easily be interpreted as member apathy, prompting some to call it a complete waste of time. The fact remains that the editorial staff needs such a survey to determine exactly what kind of articles WTFDA members want to read in the VHF-UHF DIGEST, and which aspects of the VHF/UHF DXing world should receive coverage. Therefore, we are looking for a person who has been a WTFDA member for at least five years and has some experience with statistical analysis, particularly with a research or business background. If you would like to volunteer for this task, please drop a line to P.O. Box 514.

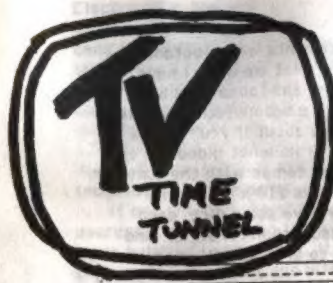
A MADIOCRE E-SKIP SEASON... That appears to be the general assessment of the summer E-skip activity. There have been some great openings though--July 4th was one, and definitely exceptional on paths along the Eastern Seaboard and parts of the Midwest. E-skip opened up the 144 MHz ham band, and soared past the 162 MHz NWS channels to TV ch 7!

COLUMN NEWS... This month's huge NORTHERN FM DX column is actually a "double shot" resulting from a missed deadline...The FM antenna article on page 55 of the July issue carried no "byline" by request of the writer, who complained that he felt that we were "biased" in favor of Channel Master antenna equipment. He wrote the article at our request, but would not allow us to run it unless we agreed not to use his name with it. By the way, his name is NOT Mr. Winegard!

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This month's cover by 1989 WTFDA CONVENTION HOST Bill Kretschmer.



WTAM • WTAM-FM • WNBK
NATIONAL BROADCASTING COMPANY, INC.
A SERVICE OF RADIO CORPORATION OF AMERICA
The NBC Building, Cleveland 14, Ohio
CHERRY 1-2942

Submitted by Tom Bryant
849 Todd Preis Dr.
Nashville, TN 37221

GHOSTS !!!

This is the first in a series of three glimpses at old logos, letterhead and verification material from the summers of 1955 and 1956. I made these particular selections because the stations no longer exist, have changed calls or have changed channels.

KGEO-TV ABC CHANNEL 5
Enid, Oklahoma
VERIFICATION CARD

Time Received 12:15 PM CST Date received 6-5-56

RCA TT10AL Transmitter TF12AM RCA Antenna

Antenna Height 819'

Transmitter Location 9.5 miles East of Enid

100,000 Watts ERP Visual 50,000 Watts ERP Aural

ABC Network Affiliation

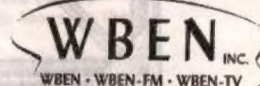
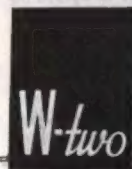
Yours truly,
Raymond S. Clark, S.C.E.

W.R.B.L.
AM-5500 Watts-FM-45,000 Watts
COLUMBUS BROADCASTING CO.
ESTABLISHED 1928
Radio And Office
1250 13th Avenue
COLUMBUS, GEORGIA

Dear Tom;
Thanks for your DX report.
We operate on channel 4
with 100 kilowatts power our
antenna is 660 feet above
average terrain, are affiliated
with CBS as basic and ABC
secondary. Began operation
in Nov 1953. Use BE equipment
throughout except 3 RCA
cameras.

Regards,
Joe Gamble
Joe Gamble CE

THE BUFFALO EVENING NEWS STATIONS



STUDIOS: HOTEL STATLER
BUFFALO 2, NEW YORK

CHANNEL **2** BANGOR, MAINE

VERIFICATION OF RECEPTION

- Thank you for your report of 6/6/56 advising us of your
reception of WOAI-TV in Rapelson, North Dakota
Transmitter and studio location: 1031 Navarro Street
Frequency: 66.72 megacycles—Channel 4
Video Power: 100,000 watts
Audio Power: 50,000 watts
Tower Height: 372 feet; 480 feet above average terrain.

HAVE YOU HEARD THE "LISTENER'S DIGEST"?

WNBK

WOAI-TV

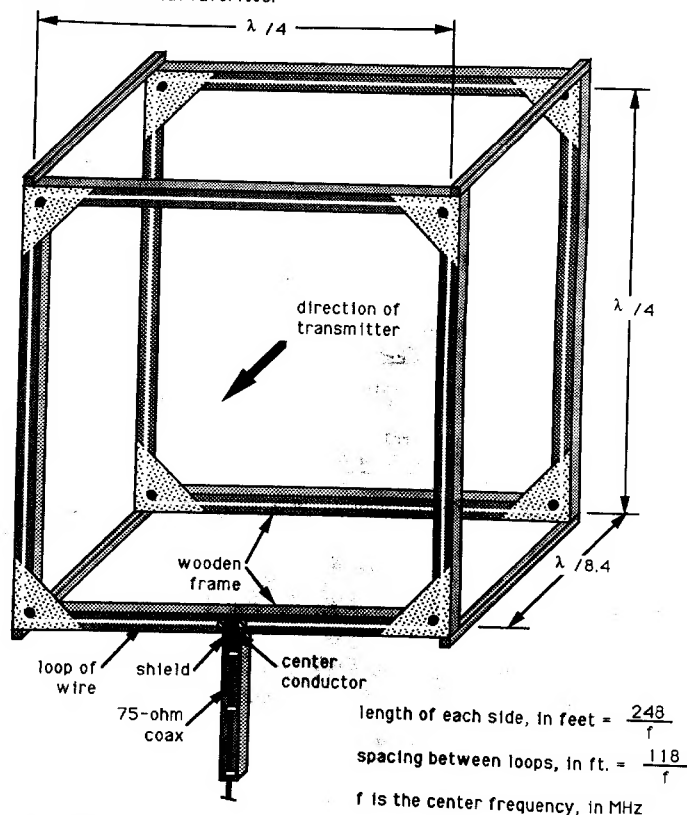
San Antonio, Texas



NBC TELEVISION a service of

TECHNICAL TOPICS

How about an antenna for those DX'ers living in apartments where outdoor antennas are verboten? The square loop might be the best answer. I have built the array shown below for the FM broadcast band and found it to be a life-saver. This array has a gain of around 4.5 dB and a beamwidth of about 110 degrees. While this is nothing to get real excited about if you're used to using a nice outdoor array on a tower, it is a far cry from what indoor DX'ers are accustomed to using: the 39-cent wire dipole that comes with the tuner or the amplified indoor antennas which sell for as much as \$100. With this design, which dates back to the 1930's, you actually have some nice, deep nulls which can be used to dig out weak DX in crowded, urban FM dials. And for the casual listener, such an antenna can be used to dramatically reduce multipath on the local favorites.



Very little effort is required to build the array. In fact, it doesn't even have to be as fancy as the illustration here. Since this antenna does not work miracles, it must not require any special construction techniques. It is nothing but a wire loop, a quarter of a wavelength long on each side, with a feedpoint cut anywhere on its perimeter. The loop wire can be lamp cord, solid hookup or doorbell wire, or whatever you have handy. It can be nailed to a wall, or put on a frame of scrap lumber as I've shown here. Its characteristic impedance is 120 ohms, so use coax (RG-59, RG-6, etc.). Polarization depends on where you put the feedpoint. If you locate the connection at the center of a horizontal side, for example, the antenna will respond to horiz. signals while attenuating the vertical ones by 20-30 dB. The pattern is broadside, i.e., perpendicular to the plane of the loop. Use those facts to your advantage for nulling out pesky locals. Remember that a signal arriving by skip will not necessarily have its original polarization.

Electrically, the loop behaves as two truncated dipoles. Imagine two quarter-wavelength dipole antennas one-quarter wavelength apart. Then, bend the ends of the top dipole down at right angles toward the lower, making the corner 1/16 wavelength from each end. If you then bend the ends of the lower dipole up in similar fashion to meet the upper dipole, their ends will touch, forming a square. Now short one of the feedpoints, and you have the quad loop. The single loop thus formed has a gain of 3.0 dBi and impedance of 120 ohms. Its directivity is a bit narrower than a single, half-wavelength dipole, hence, slightly more gain, or 0.85 dBd. This gain and directivity is independent of feedpoint location.

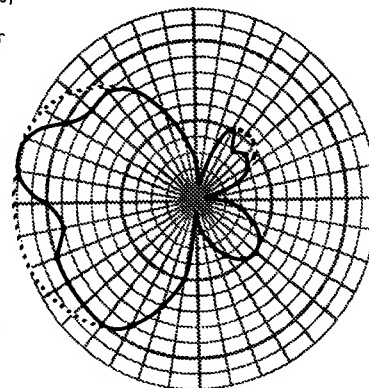
If one changes the shape of the loop, to rectangular, gain can increase or decrease, depending on the width to height ratio. If the loop shown at left were built tall and skinny, it would have more gain but near-zero impedance. If it were built short and wide, it would look more and more like a folded half-wave dipole having less gain (2.15 dBi or 0 dBd) and 300-ohm impedance. This is the cheap wire antenna usually supplied with a new tuner. And if the loop were kept equilateral but with increasing number of sides (pentagon, hexagon, octagon, etc.), gain would increase to a maximum of 3.3 dBi for a circular shape. The feed point impedance in that case goes to 135 ohms and you have that 69-cent UHF loop antenna that came with your TV set.

Now let's add a parasitic element to our dipoles. If a second, closed loop of the exact same size is placed behind the driven loop as shown in the sketch, our antenna becomes an array. This array will have at least 5 dB gain over the single loop and a useful pattern to boot. The feedpoint impedance is a bit less than 120 ohms. (Yes, this is a slight mismatch with 75-ohm coax; the VSWR is then 1.6:1. But the small loss is made up by short cable run since the antenna is indoors with the receiver. You may NOT use 300-ohm twin lead or 50-ohm coax.) One can expect 8 dBi, or 5.85 dBd gain, and a front-to-back ratio of around 20 dB. This performance is very similar to a four element Yagi. In fact, theory suggests that the gain of a loop array is higher than that of an equivalent Yagi, but does have a somewhat wider beamwidth. That means the performance of this home-brew loop array is very similar to the Radio Shack 6-element Yagi! (The Radio Shack model, a.k.a. Antennacraft GFM-6, has roughly 6 dBd gain and a 25% narrower pattern.)

I have provided, below, the pattern for the quad loop array I built in September, 1986. Measurement was made by rotating the antenna while monitoring a fixed transmitter at 91 MHz, approximately two wavelengths above ground. (Pattern distortions were caused by the wall of a nearby building; actual free-space response would follow the dotted curve.) Maximum gain is perpendicular to the parallel planes of the loops, in the direction of the driven loop.

This antenna, if cut to 98 MHz, will be less than 3 ft. square, and easy to move around. If necessary, add a trap or preamp right at the feed point. It will not be as good as a large outdoor antenna, but it is very inexpensive, easy to build, and works better than anything I know of indoors or on a balcony. And for E-skip, it can actually outperform a large outdoor array. Enjoy, and 73!

direction of
transmitter



Forward gain, max.: 4.5 dBd
-3dB beamwidth: 115 degrees
est. front/back ratio: 20 dB

T. K. McVEY...9906 El Dee Dr., Ellicott City, MD 21043

MORE ABOUT FM ANTENNAS

Did you enjoy reading the "FM Antenna Buyer Beware" piece in the VUD. (p.55-July 89)? I did, but now I'd like to bring a technical perspective into this lest some confusion arise. Actually, I agree with the basic premise of the article: that the Channel Master 4408 [a.k.a. Stereoprobe Nine] ain't necessarily the greatest antenna in the world. In defense of the 4408, I think there are some very good reasons why it has become a WTFDA "standard," namely:

- very good gain, around 10 dB
- construction as good or better than other antennas
- conveniently dismantles into halves that're only 6' long
- reasonable cost & wide availability

The 4408, admittedly, has wimpy F/B ratio because it lacks reflector elements; a DX'er stacking antennas would be wise to consider other models, particularly the Antennacraft GFM-10. Still, it is one of the best choices for an affordable, easily rotatable, outdoor FM antenna and will outperform any TV antenna used for FM. There are some basic reasons for this...

Here's something to remember: for a given number of elements (or size, or, *capture area*), a Yagi design will exhibit better forward gain and directivity (in other words, its response will be confined to a narrower beamwidth) than a Log-periodic design. And the Yagi is much easier to match into a given transmission line. But there's a catch: the Yagi is very narrowband...it's only efficient for a narrow range of frequencies. (Even the 88-108 MHz FM band is a bit tricky to cover with one antenna.) The LPA can be made to cover much wider bandwidths, say, the entire VHF TV range. Because the FM band falls between channels 6 and 7, most any VHF TV antenna will work, but will not give you very good nulling or F/B rejection. And it's certainly no help to have all those TV signals going into your FM tuner. So, you see, any antenna is a tradeoff between performance and bandwidth.

It's a true generalization that passive antenna design has seen very little innovation lately; it could be said to be a "mature" technology. For example, the Yagi was invented by two Japanese gentlemen in 1926 and no one has since come up with anything better for our application. (Actually, a lot of new, exciting work is being done with active antenna designs—*phased arrays*—whose patterns are shaped and steered electronically. I have designed such an array for the UHF range.) It's not true that WTFDA members are withholding information from those who would like to home-brew antennas. Such information, in the first place, is scarce. And the fact is that antenna arrays are very difficult to get working right unless one has some experience along with the appropriate materials, equipment, etc. Sure, the ham literature is full of VHF antenna projects, but how many of you out there want to tackle projects that usually only Technicians and above will attempt?

In 1986, I designed and built a 4-element Yagi for FM just to see how much trouble it would be. The theory and design was actually quite straightforward. However, I could never get the thing to work as well as it should have. It refused to match into my coax, so the gain and beamwidth varied radically across the band. This didn't seem to be worth sharing with others. (I still plan, one of these days, to build a huge, 20-element Yagi array just to see how well such an animal can pull in the scatter.)

Later, I built a rhombic (quad loop) with reflector which served me very nicely indoors when I was living in apartment buildings. It's a great antenna and beats the heck out of all those silly \$89 indoor, active FM antennas that are being sold these days as a result of publicity in the hi-fi magazines. The quad loop has appeared in the June 74 and May 80 VUD's, but I'll embellish and re-introduce it elsewhere in this issue.

Audio magazine ran an article in January 82 which described how to build indoor rhombic antennas for FM and TV. These work well, also, but I'm not sure what DX'er wants an antenna having 6 dB gain in a 90-degree beamwidth that cannot be rotated (those suckers are 10' on a side and intended to be nailed to the ceiling perimeter of a room). These antennas do hold great promise in certain situations and they are easy and inexpensive to build, so the interested reader is referred to p. 24 of that issue. (Incidentally, that article mentions a double-parallel rhombic which a ham built for the 2m band. It had 27 dB gain, 1.3:1 VSWR into 300-ohm line, and a beamwidth of 8.5 degrees! To build a comparable antenna for FM would require over 150m of wire; the completed array would be about 120 feet in length.)

Finally, I would haste to warn you (that means everybody) not to take antenna specs as absolutes. First of all, antenna design involves a good deal of black magic even after the most painstaking calculations and engineering. The fact that an antenna design will still work after being mass-produced, banged around the country in a truck, and then set up by Joe Schmuck is a minor miracle. To quibble over 2 or 3 dB is silly since the *same* antenna may vary by more than 3 dB over the FM band and from unit to unit. The implication here is this: if that Audio mag. test were repeated the next day with a second set of the same model antennas purchased

from the same stores, the ratings would probably have come out completely different. Channel Master gives a spec of 9.5 dB which is likely to be conservative (worst-case) since they have to be able to back up whatever they claim. Then, if Audio's test setup wasn't the same as the factory, or if their spectrum analyzer wasn't calibrated, or if they happened to get a slightly better antenna at the antenna store, or, or, or...

What matters is that a DX'er get something—anything—that he or she can use to (1) null local or undesired signals, and (2) provide some gain for weak DX signals, especially from meteor bursts and troposcatter. These days, it is rare to find a tuner that doesn't already have good sensitivity. When you consider that there are now over 7,300 FM stations in the USA, it's hard to imagine a situation where a DX'er lives so far out in the boondocks that squeezing every last dB of gain is important. And since I bring up the issue, I'm now going to jump on my soapbox...

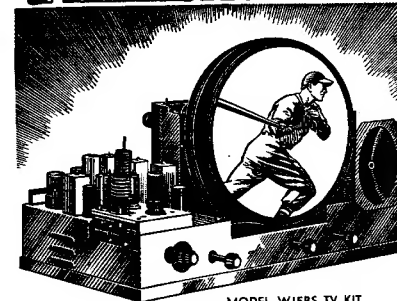
To me, a good argument can be made that the tuner needs far more attention than the antenna (we're talking about the FM broadcast band here). As long as you can get *something* outdoors, rotatable, and with any sort of gain and directional pattern, any antenna model would be useful. (There aren't that many models to choose from anyway.) Far more important is how well your tuner will handle all those signals the outdoor antenna will bring in. First, it's got to handle all that power without overloading (generating spurs and mixing products). Then, it must have sufficient selectivity to separate all those signals. Here's specifically where all those hi-fi magazines fail: they only use their fancy lab equipment to verify manufacturers' claims. The manufacturers, and hence the magazines, almost never do performance measurements that can tell clearly how well tuner X will sound in a consumer's system in suburban Chicago. Why intermodulation and dynamic range measurements are not made on tuners is beyond me. Any of the Leonard Feldmans out there could easily do the tests with their existing equipment, explain the results in layman's terms, and—bonus!—the readers would have a truly useful and relevant spec. The same can be said about adjacent channel selectivity. For crying out loud, folks, all the Larry Schotz minimum-group-delay, ultra low distortion, signal tracking, dualed-out super-duper hemi-whammy detectors in the world aren't going to give you a quality, listenable audio output, much less serious DX potential, if the damn front end overloads or if you can't get 88.7 in the next county just because there is a 88.5 only a few miles away. Many, many tuners, unfortunately, become practically useless for DX'ing when any sort of high-gain outdoor antenna is connected to them. Why, a DX'er in New Jersey recently wrote to me and complained that the outdoor antenna on his tuner allowed him to hear shortwave and TV video buzz on the FM dial!!! Folks, that DX'er is not stupid; the fellow that designed that tuner and expected anyone living near a large city to use it is.

So that's why it's unnecessary to get too picky with published antenna specs, especially when buying an FM antenna. And that's also why WTFDA is "stuck" on a few good products that have consistently worked well for DX'ers: the CM 4408, Winegard's CH-6065, Antennacraft GFM-10, and others. The same holds for a few tuners held dear to some hearts: Onkyo T-9090, Carver TX-11. And if one is on a tight budget and is unable to shop around at TV shops and hamfests, even the Radio Shack model (the 6-element Antennacraft GFM-6) can be quite useful.

T.K. McVEY

I can recommend an excellent reference on the subject: Yagi Antenna Design by Dr. James Lawson, W2PV, published 1986 by the Amateur Radio Relay League, Newington, CT.

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FM NEWS

Readers' Reports—A VUD Exclusive!

Looking over my new FM Atlas, Frank Merrill found things "depressing!" He was seeing stuff like 107.9 Kirkville, 102.7 Macomb, 99.9 Macomb, 102.5 Galva—all frequencies about to be covered over by nearby stations, hampering his Macomb IL DXing. Also a couple of nice-to-see changes like 107.9 WBY5, 97.9 KIDS, opening up 98.3 to DXing, 105.9 KOKX-FM, opening up 95.3. Even local WJEQ's move from 103.1 to 102.7 will make 103.1 DXing possible. When close-by WJEQ moves, he fears r-f leakage "invading my VCR, TV, turntable, cassette deck, ballpoint pens, marshmallows, etc." He heard an unlisted Radio-Canada (French) on 105.7, mono, parallel to CBF AM and the "CBAF gang." He's getting the new WIBI translator in Beardstown on 90.1 very clearly, "never fades, even on 'dead' days."

Ken Simon's heard the new WTRU-FM 99.5 Jupiter FL testing with \$, b. The 7-23 "Jerusalem Post" listed Israeli Army FM's as 102.3 Haifa, 107.9 Jordan Valley, 96.6 Jerusalem, 99.8 BeerSheva and 107.9 Eilat. Now when I read the Bible, I can put FM frequencies next to the place names! "Enclosed check for 12th edition! Has it been 12? Wow!"

Two people told me about the MN AAA and Chicago Motor Club printing a letter from a C. E. Kipp of Edgeley ND wanting radio station information for traveling. The editor only mentions "White's Radio Station Guide," which was available "until 1983." So Lance Worrell kindly wrote them and mentioned my FM Atlas, along with ordering price.

Jim Renfrew will definitely be at the WTFDA convention, "my first radio convention—ever! So I look forward to meeting you and many others there."

An outburst of profanity caused WGBW *91.5 Green Bay to be shut down for a night. That was on the eve of when its programming was to be transferred to Wisconsin Public Radio, and the students lose control. "The profanity developed after [students] discovered a bulletin stating that the change of station control would occur three days earlier than expected, wiping out chances for many disc jockeys to present closing shows." Opponents of the changeover had gone to the chancellor to protest, but the chancellor and other officials "refused to listen."

Michael Bujag, who I hear is also going to the WTFDA convention in Syracuse, says the new WWAY 100.7 Wilmington VT, in stereo, is so strong on his Carver that it lights up four to five LEDs, while nearby WKVT 92.7 and WTSN 96.7 Brattleboro and WEQX 102.7 Manchester "are not even close to it." He sent an item about WRCH 100.5 New Britain CT expected to change to stereo "new age," or jr, ceasing "b" after to these many years—throwing "b" to the wolves that constitute the AM format of WRCH. Speaking of wolves, Carol and I were awakened a couple of nights ago to yelping and howling. We think some of our local wolves got a rabbit in the night. I've seen wolves on two occasions on our property, and we saw a lone rabbit earlier that night.

"I am one who appreciates your hard work on [the FM Atlas] and it is the best radio log of its kind," writes Walt Breville from St. Louis. "These days I am plain program listening to FM as much as AM thanks to technological advances conquering much of FM's big drawback—multipath and harsh weak signal noises. The stock factory '86 Ford radio in my car grated my ears with so much of that, it resulted in my switching back to the AM band most of the time. My favorite stations are all around 30 km away over many hills and high rise buildings on FM. So I replaced it with a Proton 214 CD

Bruce F. Elving, Ph.D., Editor
241 Anderson Road
Esko MN 55733-9413

cassette receiver that has a Schotz circuit in the tuner. FM now sounds like AM on my favorite stations, but almost all of the nasty noises are gone! When the signal weakens, the Schotz circuit cuts out the noises by drastically reducing the high frequency response and channel separation so that often my favorite stations sound just like a good mono AM car radio—really not bad at all. I'd rather have the stereo wiped out and the high frequencies cut to those like AM radios than have those horrible multipath noises grating on my ears. And some car radios, like the AM-only factory radio in a Chevy Citation wagon, sound darn good on AM! [To be fair, my 50-year-old ears are not the best hearing high notes; I have great difficulty hearing nine and 10 kHz tones]. . . I take a fairly new Harmon Kardon 920 tuner to the country cabin for FM DX. It is better than the Carver TX-11 tuner for slicing thru adjacent channel interference to get DX, and to boot it has some AM stations sounding very close to mono FM to my ears!

"I am utterly convinced that the decline of the AM band in popularity is due to political screwing up because of the FCC refusing to pick one of the AM stereo systems . . . leaving the broadcasters and manufacturers without a standard system. What's more, the FCC screwed up by allowing too many AM stations to take to the air, increasing interference and creating conditions not allowing larger effective bandwidths in receivers. . .

"My pick of the two or three best FM stations in this area are KDHH 88.1, listener supported, great variety of jazz, folk, Irish jigs and reels, bluegrass, etc. KATZ 100.3 (ex-WZEN) with a lot of good black music, some old '70s disco at times as well as recent dance-rock and rap! Two years ago I was in Minneapolis, very fine city, except I found its airwaves lacking funky black-style dance rock! KLTH 97.1 'Breeze 97' with very modern jazz and 'new age' music. All three have better than average fidelity, too, but alas, the latter two are the ones 30 km from my home, or more."

Robert Grant can't make up his mind on FMX until he can hear an FMX receiver. He asks why is FMX necessary? "The receiver industry should make radios less susceptible to overload and with better selectivity. Every case of FM stereo hiss I have heard has been due to other stations interfering or overloading, for which FMX offers no relief. If the type of FM signal that could be helped by FMX exists, it probably exists only in a small valley between Ely and Winnemucca NV. When I hear 'picket fencing' on my FM car stereo, there is usually another station to be heard 'between the pickets'. While driving through the hills of KY on our honeymoon, I heard a song I liked on 96.7A, coming in with perfect noise-free \$, but 30 seconds later, another 96.7 changed the tune (again, perfect \$). Seconds later, a small turn in the road, a third noise-free \$ 96.7. I then switched to an AM graveyard, and heard three whole songs without interruption. In lo-fi mono (on my car radio) wishing we had MFM.

"About 'AM-ization': dare I say that FM is far more 'AM-ized' than AM is? Case and point above. Dare I say further that one of FM's competitive advantages is just that? That an FM station is fairly clear until you reach its 'interference fence' whereas on AM, signals too weak to be enjoyed are needlessly protected from interference? I think the belief that the death of any AM station will release the signal of another AM behind it is a dangerous error. Do you know how many AMs would need to die to eliminate all interference between AM? ALL, but less than 40 left on! (One station in the Americas every 30 kHz.)" On that trip, he took a quick FM bandscan on Clingman's Dome, NC-TN, and heard 78 FM's at one time, "many from the Atlanta area in perfect \$. . . Demise of 'b' format: The format is far from dead in

FCC—FM

some areas, with WJOI 97.1 still very high in ratings and the format may have been overrepresented in the past. The beautiful music format was a natural for FM in the '50s and '60s, because it stressed music and had low costs. Beautiful music/easy listening is a victim of the demise of AM. In the past, many AM-FM pairs had top 40 on AM, easy listening on FM. When top 40 made its great resurgence in 1983, some such pairs 'flip flopped', continuing to offer b, but on AM. Listeners and advertisers were unwilling to deal with the problems of lo fi mono receivers and innate anti-AM bias, and most of these AMs are either religion or simulcast FM top 40. . . Sorry I haven't written for so long, but we have been very busy with jobs, wedding and the move. Seventy three to you, Carol and the three Ks from Vickie and I."

"Thanks for all the fine cover material for the VUD," writes Bill Thompson. DXers might be helped by the FCC A/B switch requirement which takes place Nov. 1. Cable companies must now notify customers that not all stations may be heard or seen on cable, and instruct them in the use of a switch to make antenna use (once again) possible. Maybe Bob Seybold can again realize a booming business installing antennas!

Even beating out Atlanta—a media combination in Albany NY has resulted in joint FM-FM ownership, promotion and programming. Stations are WSHZ 98.3 Rotterdam and WSHZ 103.5 Cobleskill, doing it as "Sho 98 and 103."

Roger Winsor's confirmed it—WGTC 102.3 New Carlisle is on the air in stereo, and with k. It first came on with a monophonic signal and a computerized numbers count-down. Now to Wendell Ford. He takes his FM Atlas and types it onto larger pages and puts them into a binding. He's up to 95.5, and has 2,607 stations typed so far. Not to be pitted for all that work, Wendell enjoys doing it. "Keeps me busy, and out of mischief!" He's keeping track of mistakes in the new Atlas and will send a list. I must have mailed my "control copy" in which I write in new stations, FM mistakes, to a customer. If you got that by mistake, let me know, and I will pay for return mailing of it and replacing with an unmarked copy.

Roger Gravelle is getting Kitchener 96.7 loud and clear now that they have 100 kw—just as strong as 105.3. He says 94.7 London still 50 watts, but now in stereo! Success stories on AM include new CKTY 1110 Samia, and CHAM 820 Hamilton, "both country formats."

Former WTFDA publisher Ferdinand S. Dombrowski, Milwaukee, sent a clipping about WFM 98.3 Menomonie Falls WI hoping to remove an injustice in WHAD *90.7 Delafield competing in the classical format. WFM is the only commercial c station in WI, and wants WHAD stopped from engaging in the format at nights and weekends. If it doesn't drop c, it wants WHAD confined to WI artists and performers. WFM is hoping to get 6 kw, when and if all Class As are given higher powers, and then would dispend with its translator on 104.9, serving the east side of Milwaukee.

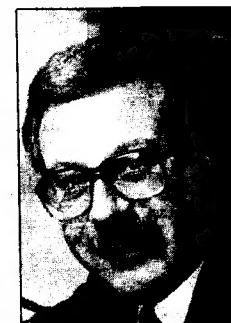
Danny Buntin sent some stuff through Fred Laun. Fred heard WYND 99.3 Spotsylvania before it went off the air, and I wonder if it has or had stereo. Paul Gaines sent a story about a lady at WBNZ 99.3 Frankfort MI being abducted. It was in last month's rMedia! and may be repeated near the end of this column, space permitting. He heard about a station in Pittsburg KS where workers came in contact with hi-power lines. One was killed, but one they just managed to save in time. "Might be a new FM station?" he muses. "Anything to help your column!" The picture essay also sent by Paul.

Radio orthopedist Bill Nienajady recalled seeing an FM Atlas in a store around 1976 or 1977, and that must have been when I was in the NY City area and left some off in person. I don't want to fill this column with Atlas praisings, but will use this: "The Atlas is thee [sic]

FM-FM Duplications in Albany, Atlanta

'Bible' of all FM DXers, and it's the only source I'm aware of. And your 'circle' showing insert locations on maps is a good idea. Hopefully, the other DXers would finally stop 'bitching' about crowded maps! But looking at southern NY state and N. E. Pennsylvania, what station crowding! Heh, pretty soon, we'll all be DXing

THAT VOICE/THIS FACE



This week's face behind the mike belongs to Dick Wallace, midday weekday host at WQRS-FM (105.1). His "friends" at the station note that Dick hits the Big 4-Ought one week from today. Happy Birthday — early — Dick.

soft rock a/k/a lame, stale, lifeless, boring, etc. Crap! I was fortunate to grow up listening before FM radio got 'homogenized'. Recently I listened to an aircheck of WOR-FM 98.7 NY City, 1971 circa. Now that was radio! What variety. What excellence! There simply isn't anything on FM except a handful of stations worth listening to! I just hope some day things turn around 'programming-wise', or will AM and FM reverse itself with maybe some day on the horizon AM might be the 'inventive' medium? Again, new FM Atlas, no complaints from me! C'mon! More pages for FMedia!" He heard a "Max 94" on 94.3 with top 40 and needs help from DXers in IDing this skip, most likely from AR, NE, MO or OK.

"I enjoy reading your column in the VHF-UHF digest," writes William Wyllie, who came back from Prudence Island, near Bristol RI, where he heard such stereo stations as WQRI 88.3 and WHNN 107.1. His reception of WBOQ 104.9 Gloucester MA has improved lately. "I never picked it up before when it had the other call letters."

John Marx sent a list of Dominican Republic FM stations through Cesar and Franklin Ohio. John is always looking for cassette tapes of Caribbean radio stations. If you have such, you might want to contact him at PO Box 971, Madison WI 53701. The list includes about 150 stations, powers from 250 watts to 55 kw (HILK 88.6, la Brava, Santa Domingo). A total of 39 broadcast in stereo. All the other stations seem to be on odd frequencies, so the 88.6 for HILK may be an error.

Ralph Strobel caught WUWM *89.7 Milwaukee broadcasting jazz in mono late one night, which makes me wonder if they have discontinued stereo. He's gotten much meteor scatter DX lately, plus being able to tune in new nearby stations. Bill Hendrick would like to see

11

FCC—FM

sounding little radio station. Much better than you would expect to find in a town of 1800."

FL Micapony WGGG-FM 97.7 no longer with Gainesville

GA Athens WALT 104.7 with Atlanta, facilities change to 313 m, and service area to include Atlanta was to have taken place during June; station to be the FM sister to WCNW 680 AM North Atlanta GA.

IL Petersburg WLJW 97.7 with Springfield

NJ Wdwood WZLX 100.7 with Atlantic City

PA Wilkes-Barre WCLH 90.7 with Scranton

SC Georgetown WSYN 106.5 with Myrtle Beach.

"Sunny 106.5"

VA Culpeper WCUL 103.1 with Orange-Madison,

still C-103, k, s.

AM Happenings Most Likely Caused by FM (selected)

IL Vernon Hills (north Chicago suburb) WNVN

1030 500-watts day leaves its facilities from 9

a.m. to sunset from now until Labor Day to Six

Flags, Great American Amusement Park, where-

ever that info will include data on rides, par-

ade, special shows and attractions. Sounds

like KAZXXE 107.9 Columbia FL (see last

month), and a use for an otherwise failing AM

station. Watch for other AM (and maybe some

FM) stations to become beacons.

MI Inkster (Detroit) WCHB AM 1440 files with

FCC claim to the 1200 spot and calls change to

WBTI. "WCHB" would be closed or sold."

Speculation on that WBTI could become the "tradi-

tional jazz station" in view of WJZZ 105.9

becoming more contemporary jazz.

NC Four AM stations now simulcasting the

6-6:30 p.m. daily newscasts of WPTF-TV

(WNCN). Stations are WLLN Lillington, WCBQ

Oxford, WBZB Selma and WXKL Sanford.

"Except for the exposure that the TV station

gets, the AMers get all the benefits. Receivers

and antennas were installed at the TV station

at expense."

OR Dall as KWIP 880, serving much of Portland

"has gone off the air, apparently due to financial

problems. KWIP's telephone is disconnected, and

there is no word on plans to revive the station."

OR Portland and KGW AM 620 delays its "soon"

switch to talk until late August. "KGW is far

from the first big AM station to decide that the

future is not music programming, but some sort

of information programming. The nation's AM

programmers have been uneasy for years, as the

music audience moved to FM and, in the last

AM Stations Clone TV News

around, the floodgates are expected to really be

open. Meanwhile, staff members are drafting a

report for consideration by the whole FCC,

which may or may not agree with concerns expressed

by KUER as well as the New Mexico Commission

on Public Broadcasting and the Rocky Mountain

Corporation for Public Broadcasting. The Nation-

al Association of Broadcasters earlier expressed

opposition to the agreement.

Public stations were urged to move quickly to

establish translators before 1992, "or never be

able to do it again after that."

My own translator grant has been given a new

lease on life, W280CT 103.9 Hermantown MN's

CP was extended, with the FCC finding that

"equipment is on order or on hand, site acquired,

site cleared and construction proceeding toward

completion." This despite the FCC's freeze on

new commercial FM translators or major changes

in existing translators. I just sent a check for

\$1050 for a 10-watt translator, in excellent

condition, 4½ years old.

FM Rulemakings Proposed

First date below is deadline for filing comments

at the FCC; second date is for replies. Stations

affected, if any, are listed before the dates.

Selected only; more are in FMedial

AR DeWitt 97.3A for 96.7A, KDEW-FM, with

Dyersburg TN

FL Miramar Beach 106.3A, Aug. 3, 18

ID Sandpoint 103.5A from 95.3A, KPND, with

Medical Lake WA

IL Drakesboro 106.9A, counterproposal

MO Cuba 107.3A for 102.1A, with Northway

MO Northway (Rolla) 102.1A, Aug. 7, 22

TN Dyersburg 100.1C2 for A, WASL, Aug. 3, 18

TX Martin 92.9C2 for 92.9A, KRXX, Aug. 3, 18

WA Grand Coulee 98.5C for C2, KEYG-FM,

Aug. 4, 21

WA Medical Lake 95.3C2 from A, KAAR,

WI Lake Geneva 96.1A, Aug. 4, 21

WI Whitewater 106.5A, Aug. 3, 18

FM Rulemakings Finalized (selected)

Dates are when FCC filing windows are open

ID Wallace 100.7C, until July 13

IA Iowa City 94.1C2 from 93.9C1, KRNA

IA Mason City 93.9C1 for 93.5A, KNIO

MS Woodville 95.9A, until July 13

radio, a so-called "quiet" fundraising

campaign was successfully waged by

WCFR "88.5 Amherst MA. It raised

\$56,000, surpassing its \$50,000 goal.

Instead of disrupting programming, the

station used taped 30- and 60-second

pieces as often as 18 times a day.

Trouble was, it took 23 days of quiet

campaigning to raise the dough.

KVMR "89.5 Nevada City CA, prob-

ably the only one in the U.S. to be owned

by a museum, won't be much longer. It's

being corralled into the so-called Nevada

City Community Broadcast Group, with

application before the FCC. Station has a

\$300,000 annual budget with three full-

time workers (each getting \$100,000?),

and independent of the museum. Having a

somewhat larger budget is WUFT-FM

"89.1 Gainesville FL, claiming to have an

18 percent share of audience—its highest

ever, according to Arbitron. Its format is

classical, jazz and news, with a budget of

\$1 million. A new \$3.1 million facility is

being built, which will also house WUFT

(TV) and commercial station WRUF-FM

103.7 and AM.

Losing some of its budget is WJHU

"88.1 Baltimore MD. Licensee Johns

Hopkins U. cut \$300,000 from its \$1.8

million budget, with some produced pro-

grams, such as a Sunday night jazz series,

cut. Two news reporters and four part-

timers in programming were also let go.

However, plans are going ahead for a

state-wide network of nine public FM

stations. The WJHU license would be

transferred to the state Public Broadcast-

ing Commission.

Hidden from public view, but important

nonetheless, is IRIS, the Iowa Radio-

Reading and Information Service for the

blind and print handicapped. It was to

have started July 17 on the 92 kHz of

WOI-FM "90.1 Ames. New studios are at

the House of Mercy, 1409 Clark St., Des

Moines 50314. Part of the programming

will be live and the rest from satellite,

most likely from In-Touch in New York.

"We anticipate good reception over the

most of the listening area of WOI-FM, and

later on as more funds are available we

expect to expand to other parts of the state

until eventually we are a statewide service!"

One WFTD member is all set with the

92 kHz radio to hear this new service.

Other important residents of the 88-92

part of the dial broadcast Christianity,

and (with the exception of national

satellite-delivered formats that clone both

main stations, and soon translators) are

not "hucksters," but stations offering

their own form of instruction, entertain-

ment and uplift. An example is WRAF

"90.9 Toccoa Falls GA, which programs

midnight to 6 a.m. with Frank Nagle, the

Night Watchman. Station is on the historic

campus of Toccoa Falls College, named

after a waterfall on its property, which is

higher than Niagara, and a tourist site in

its own right. One-third of the campus

was washed out in a 1977 flood, and 39

lives lost. That dam which broke upstream

from the falls will not be rebuilt, so there

is no danger of such an occurrence in the

future.

Trying to infuse vitality into a dying

AM system, the National Association of Broad-

casters is seeking such things as exploring with

manufacturers continuous-tuning AM-FM re-

ceivers, and a law to require all stereo receivers to

include AM stereo. The latter is part of a bill

introduced by Rep. Matt Rinaldi (R-NJ), H. R.

2714, which would also require all radio sold

FCC—FM

future. WRAF's final goal from their

1989 Shareathon was \$149,702, short of

the \$200,000 which had been planned.

Station does get some of its programs

from Moody. My DX report to this

station elicited an avalanche of material,

almost like a waterfall of paper. It included

two books, a OSL, vehicle sticker, etc.

One book, "Dam Break in Georgia," had

a powerful testimony to the Christian

faith of the people on campus who had

lost loved ones, but espoused a peculiar

theology that the dead relatives are in

Heaven. As I understand the Bible, the

dead are in the graves awaiting the

resurrection, at the Second Coming. Be-

sides, nobody knows for sure if another

person is "saved" and is destined for the

"right place." This is a matter between

that person and the Lord. A one-time

"born again" experience does not insure

salvation for all time. Too many churches

preach "once saved, always saved."

Internationally, the Far East Broad-

casting Company, based in Manila, has

been granted permission to install its first

FM station in South Korea, in the city of

Taejon. From its site in the mountains, it

has the potential to save three million

souls simultaneously (even more consec-

utively!).

Not all Christians are responsible broad-

casters, unless you can say pirates are

"law abiding." The FCC recently shut

down a "WGEF" 105.5 FM and AM,

which were set up by Bishop Willie Hardy

of the Stamford (CT) greater Emmanuel

Church. "The unlicensed broadcast stations

were transmitting religious programming."

No fine in this case was indicated, but the

FCC points out that the fine could be as

high as \$100,000 and/or one year in

prison.

CRTC To Review FM Policies; Hears

Applications For Ottawa FMs

The Canadian Radio-Television and

Communications Commission plans this

fall to review its FM radio policies, and

CBO, CBOF to Bite The Dust

after Jan. 1, 1992 include both AM and FM

transmission capability. Such a law, which I proposed

in the late '60s, could actually help FM, and

eliminate the millions of novelty radio still being

made that lack FM tunability. The NAB was

recently handed a setback by the FCC, which

derided the organization's request for a stay in the

effectiveness of new rules allowing short-spaced

FM stations using directional antennas.

In perhaps the first court-approved

sanction of a service mark, positioning state-

ment, or "nonID," U.S. District Court Judge

Irving Hill affirmed the use of "K-Lite" for

KEDG 101.9 Glendale CA. This was after KEDG

bought the right to the mark from KIQQ 100.3

(now KQLZ), and came over the protest of AM

station KGLI, which claims to have used the

slogan longer. KQLZ, incidentally, broadcast a

promotion on to get tee-shirts, etc. from Santa

Catalina Island, with an address there given over

the air. This prompted one reader to wonder if

their transmitter had moved there. I am assured

that neither the transmitter nor the studio has

moved; KQLZ just arranged to have mail

addressed to that island sent to its studios.

Inappropriate market for promotion?

A bus on Chicago's CTA Lincoln Avenue route

was recently seen carrying a big ad card for KODJ

93.1 FM. "You may not have heard of it, because

it's in Los Angeles—but the bus card isn't a

mistake. Program director Kurt Kelly (formerly

Say Yes to Fulltime Broadcasting

An editorial rebuttal by Greg Buickel, program director, C-103, WCUL-FM Culpeper VA

Your comments in the June FMedia about FM stations signing off at night have got to be the dumbest I have heard in a long time. We sign off at midnight and I wish that we didn't. Our listeners listen to C-103 because they like their local station. Even in large markets, if people wanted to listen to country one night and rock the next and classical the next they would do it now. If you will recall, local stations used to sign off at sunset. It was called AM!

If people wanted to listen to out-of-town stations, I think they would have said something by now! They haven't here. They like their local home-town station all the time. And there are more than just a few night owls that listen at night. When I worked overnights at WKDQ-FM in Evansville IN (Henderson KY) I had at least two factories with over 500 workers listening every night, all night, seven days a week. Wake up. This is 1989, not 1949. People stay up past sunset!

I really do enjoy your publication, but you "engineer types" just crack me up with your high and lofty notions. Radio is a business. We make money by entertaining locally—not by shutting down and shunning our faithful listeners. Maybe you've gotten too much RF over the years. Keep up the good (?) work and thanks for letting me blow off some steam. I normally agree with you.

[Thanks writing. I don't expect readers to agree with my editorials, but if I stimulate thought, then a good purpose is served. I am not an "engineer type," nor probably any other "type," just kind of a free spirit. I have spent more time in the business in sales than any other aspect, and it is only fairly recently that I have become interested in FM-SCA, and forced myself to become technically proficient to the point where I can do some designing of SCA circuits and installing them in radios; this I do mainly as a service to people who have my publications and want to know how to tune in those mysterious subcarriers. I have also taught courses such as broadcast/audio production, announcing, management and programming, as well as a five-day stop smoking program.]

FM FORUM—COMMENTS FROM READERS—MUCH OF THIS REWRITTEN FOR VUDIGESTERS!

An item sent by Detroit's Paul L. Gaines is about an employee of WBNZ 99.3 Frankfort MI, the apparent victim of domestic abuse. Phyllis Bartkowski, 35, program director, was alarmed when her husband called and threatened her. She then locked the station, but hubby came armed with crowbar and handgun and proceeded to break in. Well, a co-worker managed to get on the air without the husband seeing the "on air" studio light, and an appeal for help was broadcast. The sheriff was duly notified, only to arrive after the husband had driven off with the wife—but deputies recognized the car that had driven away, gave chase and apprehended errant husband, 36-year-old Edward, an auto mechanic, who's facing two counts of felonious assault and using a firearm during a felony.

The FCC has made official the move of WYCE "88.1 Wyoming MI from the school district to the Grand Rapids Cable Access Center. Newly created is the Friends of WYCE, a division of GRCAAC, which operates a G.R. public access channel. The station's programming of folk, blues, jazz and new age music is expected to be unaffected. Funding for the two will be separate, and "one of the biggest risks will be the continuing financial support of YCE. We're willing to lend support, but we have to protect our funding base from the cable-related revenue for GRTV. Therefore, we can't realistically subsidize YCE to any large extent," said GRTV's Dirk Koning.

A long-time FM Atlas and FCC-FM column reader, Nick Lombardi of Atlanta GA, has some comments on the 12th

edition, recently published. Besides the printer shrinking everything down too much, he says "the circular map diagrams are a welcome step in the right direction in helping to clarify the more complicated maps, but I think the letter codes on the maps should be larger than they are in the circular inserts, for ease in making sense of everything. (Sometimes it's hard to find them on the main maps, leading to questions such as, 'Where is part B?') ... It was a real pleasure to receive your Twelfth Edition. As always, the overall quality of your work is at the highest level, and all of us out here appreciate the many, many hours of time you put into this." He also sent a clipping from the June issue of Stereophile, mentioning the now sold-out 11th edition of the "FM Atlas."

One of my reporters recently came back from a trip to Hawaii and Australia. "My curiosity was about car reception and whether or not the Honolulu stations could cover the island. There were many areas of bad multipath, and, at the north end, the Honolulu stations were essentially useless in a car. The road there is blocked from the transmitters by mountain peaks, so reception problems are understandable. That was true of either the 'mountain-toppers' or of the stations located on tall buildings in the city. I can't truthfully say that one was any better than the other. Also, I heard more than one FM from other islands that were around 160 km away. Range in Hawaii can be quite good, but there aren't a huge number of stations."

In Australia [driving around Melbourne], I observed virtually no multipath [from the eight stations there, all of which seemed to have stereo]. [One rather interesting station,] 3PBS 106.7 describes their programming as 'Specialist Music' and includes: reggae, comedy, grunge, punk, rock, roll and rhythm, contemporary rock, jazz, blues, globetrotting, independent, overseas and Australian rock, metal/trash, contemporary rock, insomnia, funk/soul, cajun, gospel." Also heard in Sydney, using a rental car [GM-Holdens Commodore Executive], were 18 stations, most of them in stereo. "2CBA is definitely on 103.2. It seems to be the only station in Australia... and requires that electronically tuned radios there cover 100 kHz steps. ... I spent two weeks in the Alice Springs area in central Australia, where my wife's pen pal, her husband and family live. Broadcasting there is limited. Alice has two AMs and two low power FM's. Otherwise, both AM and FM bands are totally vacant! At night, you can hear many stations by skywave on AM. We also visited (and climbed) Ayres Rock. The nearby tourist town of Yulara has two FM translators, no AM. Coverage is limited to the local area."

Canada's Magnum Dynalab claims to have a tuner ready for FMX, and would offer a retrofit for recent tuners purchased that lacked FMX. Dynalab notes that comparatively few FM stations are making use of FMX, and perceives little interest to date by its customers for the feature. The firm is now offering the "Etude," a high priced version of the FT-101 tuner—something which the NAB would probably frown upon, because not only does it not offer AM stereo, it doesn't even have an AM band! The "Etude" offers high end audio treatment and enhanced FM station selectivity. "Selectivity has been increased through the same rigorous process of selection, fit and fine tuning that one might apply to rebuilding a high performance engine. Each part is tested and catalogued. It is then matched to the individual characteristic of each tuner circuit. When a match that is close to perfect as possible has been found, the component is installed in that tuner board and in that tuner board only. By following this time-consuming process we have been able to provide in the 'Etude' a consistent adjacent channel selectivity of better than 30 dB, with an effectively flat audio bandpass of 10 Hz through 17.5 kHz." For more information you can call 1-800-448-8490 in the U.S.; in Canada, it's 1-416-791-5888. You will also see the "Etude" in my new radios and electronics catalog. Whether the selectivity improvement is significant enough for DXers to consider remains to be seen. I have not tested the "Etude," but look forward to doing so.

"Bruce, how about a dial history of Cincinnati?" asks Bob Hawkins at WENS Indianapolis. "I think they had something on 104.3 about 25 years ago, but not now." I doubt it; WPAI-FM Portsmouth has been on since 1948 on 104.1. There was, according to my 1949 reference, a WLWA on 101.1, a WCTS on 101.9, which I think had transit radio; WSAI-FM 102.7; and the Scripps-Howard station, WCPO-FM 105.1.

73ily,

Television news

Bill Fabber, editor
336 Atlantic Street
Bridgeton, NJ 08302

ABBREVIATIONS USED IN THIS COLUMN:

AATm	Height (meters) above average terrain
AG	Antenna height above ground
ASL	Antenna height above sea level
AZ	Azimuth (North=0°)
BT	Beam Tilt
CIR	Circular polarization
CP	Construction permit
CRTC	Canadian Radio-television and Telecommunications Commission
DA	Directional antenna
ELL	Elliptical polarization
ERP	Effective Radiated Power
FCC	Federal Communications Commission (USA)
HOR	measured along a horizontal plane
MAX	In the direction of elevation of maximum signal strength
MP	Construction permit modification
TL	Transmitter or tower location
+	carrier frequency offset 10 kHz above standard
-	carrier frequency offset 10 kHz below standard
z	carrier frequency not offset

APPLICATIONS FOR NEW TELEVISION STATIONS

ST	CH	ERP	AATm	CITY/APPLICANT
CT	18	3273	300	Hartford; Edmund Spencer Cromartie
CT	18	3273	300	Hartford; Lynette Ellertson
CT	18	3273	300	Hartford; Sage Broadcasting Corp.
CT	18	3273	300	Hartford; Gloria W. Stanford
(The above are in contest with WHCT-TV)				
CT	61	3069	297	Hartford; IST Broadcasting (in contest with WTIC)
IL	48	11.3	142	Sparta; Rita Wyse
MN	38	2530	259	Walker; KSAX-TV Inc.
NJ	68	2667	436	Newark; Arthur Liu
NY	7	316	383	Carthage; Moreland Broadcast Associates (in contest with WUNY-TV)
NY	11	58	507	New York; Challengers of New Jersey (in contest with WPIX)
TN	26	5000	370	Knoxville; SWMH/Knoxville Corp.

CONSTRUCTION PERMITS GRANTED

ST	CH	ERP	AATm	CITY/APPLICANT
AZ	9	1	561	Flagstaff; G&D Communications Inc.
CA	54	5000	500	Avulon; Es Possible Minority Media Telecommunications (Initial decision)
CA	51	15.8	82	Merced; Wade Axell
CO	50	5000	293	Denver; Lomas de Oro Broadcasting Corp.
FL	66	1158	477	Bradenton; Bradenton Broadcast Television Co. Ltd. (Initial decision)
FL	64	3236	305	Inverness; Meredith Corp. Granted in 1986, rescinded in 1987, regranted in 1988, and again in 1989. What gives?
MI	19	1000	317	Marquette; Upper Peninsula Telecasting Corp.
MT	23	3676	641	Missoula; Continental Television Network

AUGUST, 1989

NJ	63	5000	343	Newton; Mountain Broadcasting Corp. (FCC Decision)
NC	64	2588	412	Kannapolis; Community Action Communications Inc.
NC	23	1500	338	Morganton; Thomas Edward Long (Now GNOL Broadcasting Inc.)
OH	40	2400	224	Toledo; Dominion Broadcasting Inc. (FCC decision)
OK	45	5000	131	Lawton; Barton W. Ratliff
TX	68	5000	526	Arlington; Channel 68 North Texas Television Ltd. (Initial decision)
TX	60	2272	315	San Antonio; Nueva Vista Productions Inc.

APPLICATIONS DISMISSED

AZ	Flagstaff; ch. 9; Carl M. Fisher; Grand Coconino Broadcasting; Overview Communications Ltd.
CA	Avalon; ch. 54; Avalon Broadcasting; Avalon Catalina Broadcasters Inc.; Catalina 54 Broadcasting Ltd.; Catalina Broadcasters; Christine E. Shaw; Coastal Broadcasting Partners; DHW Communications; Golden Shores Broadcasting; Island Broadcasting Ltd. Partnership (Initial decision)
CO	Denver; ch. 50; Amador Broadcasting Ltd.; Stanley Group Broadcasting Inc.
FL	Bradenton; ch. 66; Florida Manatee TV Broadcast Associates; Gulf Coast Telecasters; Joyner Communications; Manatee Television Inc.; McDaniel Broadcasting Partners; Renee Marie Kramer; Skylight Broadcasting Inc. (Initial decision)
FL	Orlando; ch. 27; Orlando Television Partners.
MI	Marquette; ch. 19; Marquette Television Associates.
NV	Las Vegas; ch. 3; William H. Herstadt.
NV	Las Vegas; ch. 15; Blackstar Communications Inc.
NJ	Newton; ch. 63; Newton Broadcasting Company Ltd.; Newton Television Inc.; Newton Television Ltd.; Press Broadcasting Company; Vanguard Broadcasting. (FCC decision)
NC	Kannapolis; ch. 64; Kannapolis Television Company.
NC	Morganton; ch. 23; R.L. Bush Jr.
OH	Toledo; ch. 40; New Life Evangelistic Center; Priscilla L. Schwieler.
TX	Arlington; ch. 68; Arlington 68 TV Inc.; Briscoe Broadcasting Ltd.; Charisa Broadcasting Corp.; Johnson Television Ltd.; Metroplex Communications Inc.; Native American Broadcasting Company; Sammy A. Thornton; Southwest Communications Ltd.; The Louray Corporation; United Broadcast Group Ltd. (Initial decision)
TX	San Antonio; ch. 60; Amistad Communications of the Southwest; Pro 60 Communications Inc.; San Antonio Broadcasting Inc.; San Antonio Video Corporation; TV 60 Partnership; Vela Broadcasting Company.

CONSTRUCTION PERMITS CANCELLED

ST	CH	CALLS	CITY
AL	50	WVFF	Opelika
AL	52	WGEI	Tuscumbia
AR	43	KCHM	El Dorado
FL	60	WVFL-TV	Sebring

HI 26 KHIV	Hilo
MS 43 WBDJ	Wiggins
MT 18 KCTD	Butte
MT 24 KRWL	Butte
NJ 59 WLNR	Vineland
OK 9 KGYM	Guyton
TX 64 KGO	Mineola
TX 14 KCKU	Tyler
VI 17 WVG1	Charlotte Amalie
VA 55 WTKC	Newport News

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

ST	CH	ERP	AATm	CALLS	CITY
FL	63	3176	310	WPPB-TV	Boca Raton
FL	9	316	149	WIEB	Islamorada
FL	67	1684	150	WHBI	Lake Worth
GA	21	2884	311	WBSG-TV	Brunswick
GA	64	701	235	WGNM	Macon (now WFXQ?)
KY	16	2371	439	WLCT	Somerset (amended)
MI	33	61.5	288	WGKI	Cadillac
MI	53	933	298	WLAJ-TV	Lansing
NJ	66	24	217	WFME-TV	West Milford
NY	52	74.6	311	WACA	Ithaca (amended)
OK	62	200	480	KMNZ	Oklahoma City (amended)
OK	44	11.3	381	KGLB-TV	Okmulgee
PR	36	9.3	81	WDWL	Bayamon
TX	49	4082	359	KTFH	Conroe
TX	29	1.1	132	KMPX	Decatur (amended)
TX	55	2468	142	KLDT	Lake Dallas
TX	14	3236	273	KLMO	Llano
TX	48	5010	160	KNV0	McAllen (amended; ex-KMHB)
TX	60	1471	456	K...	San Antonio (KVDA-TV?)

CONSTRUCTION PERMIT MODIFICATIONS GRANTED

ST	CH	ERP	AATm	CALLS	CITY
CA	8	225	746	KOKJ	Fort Bragg
CA	29	5000	321	KCMY	Sacramento
CA	25	52.8	670	KCAH	Watsonville
FL	13	316	142	WETV	Key West
KY	16	2371	439	WLCT	Somerset
NV	33	1349	581	KFBT	Las Vegas
PA	53	6.4	338	W...	Williamsport
TX	55	2468	142	KLDT	Lake Dallas
TX	16	5000	143	K...	Lubbock (Lubbock TV 16)
VA	41	251	310	WHTJ	Charlottesville
VA	43	1658	115	WVBT	Virginia Beach
WA	64	42.7	676	KBCB	Bellingham
WY	2	0.19	304	KJVI	Jackson

APPLICATIONS TO CHANGE EXISTING FACILITIES

ST	CH	ERP	AATm	CALLS	CITY
FL	26	2786	304	WAYQ	Daytona Beach (mp)
HI	5	95.5	629	KFVE	Honolulu (cp)
MD	54	5000	350	WNUV-TV	Baltimore (cp)
MI	64	2500	305	WLLA	Kalamazoo (cp)
MO	17	1600	348	KMIZ	Columbia (cp)
MO	9	316	357	KMBC-TV	Kansas City (cp)
NY	26	461	182	WTJA	Jamestown (cp)
NY	25	2432	395	WNYE-TV	New York (cp)
NC	58	5000	424	WUNV-TV	Concord (cp)
OH	64	1148	287	WIII	Cincinnati (mp)
PR	6	59.4	825	WIPR-TV	San Juan (mp)
UT	30	1537	1190	K006-TV	Ogden (cp)
WV	3	42.7	84	WSAZ-TV	Huntington (cp)

CHANGES GRANTED STATIONS ON THE AIR

DC	Washington; WETA-TV, ch. 26; granted CP to change ERP from 2250 kw max/1618 kw hor (Television Factbook) or 2290 kw max/1660 kw hor (Broadcasting Yearbook) or 1620 kw (Larry Fuss' data base) to 2296 kw max (Nothing like consistency among costly business publications); antenna lowered 10 meters to 233m AAT/237m AG/310m ASL; same TL.
FL	Pensacola; WHBR, ch. 33; granted MP to reduce ERP from 5000 kw max to 3500 kw max (but don't feel bad; original CP for change would have reduced it to 1191 kw); same TL and height.
FL	St. Petersburg; WTOG, ch. 44; granted CP to reduce antenna height 20 meters to 454m AAT/451m AG/474m ASL; same TL and ERP.
HI	Honolulu; KFVE, ch. 5; granted CP and subsequent license to raise ERP from 51.9 kw max to 95.5 kw max; same TL and AAT.
IL	Peoria; WHOI, ch. 19; granted license to cover CP for changes: ERP reduced from 4470 kw max to 2240 kw max; 194m AAT/193m AG/400m ASL (approx. 7 meters lower); same TL.
IN	Elkhart; WJSV, ch. 28; granted license to cover CP; ERP raised from 3020 kw max to 5000 kw max; 335m AAT/310m AG/575m ASL (4 meters higher). Decent increase in ERP, but this station was already powerful before the change.
IN	South Bend; WNIT-TV, ch. 34; granted MP to raise ERP from 589 kw max/204 kw hor to 1384 kw max; 246m AAT/221m AG/485m ASL (61 meters higher); TL 16965 Johnson Road, Mishawaka, St. Joseph; coordinates 41°36'59"/86°11'43" (There are discrepancies as to its present TL, but assuming the data base from Larry Fuss to be the more correct, this is a move one mile northeast of the present TL).
KY	Lexington; WKYT-TV, ch. 27; granted CP to reduce ERP from 2360 kw max/1382 kw hor to 1520 kw max; antenna to be lowered 11.4 meters to 300m AAT/291m AG/593m ASL; same TL.
KY	Lexington; WLKT, ch. 62 (recently went on the air, but evidently already licensed, so the following CP is probably a proposed change, not as-built); granted CP to raise ERP from 2333 kw max to 5000 kw max; 313m AAT/289m AG/600m ASL; TL 0.6 mile west of Clintonville Road, 1.4 mile south of its intersection with State Hwy 57; coordinates 38°03'53"/84°16'56" (Az. 87°, or about due east, 6.31 miles from its original TL).
ME	Calais; WMED-TV, ch. 13; WMED-TV and other Maine PBS stations were recently granted licenses for changes; granted CP to change ERP to 100 kw max (was 31.6 kw, but recent license changed it to 211.24 kw max); 135m AAT/62m AG/211m ASL (increase of about 12 meters from recently licensed figures).
MO	Hagerstown; WHAG-TV, ch. 25; granted license to cover CP for change: ERP raised from 676 kw max/436 kw hor to 1358 kw max; antenna height reduced 9 meters to 375m AAT/130m AG/568m ASL; same TL. The increase in ERP should make DX a little better.
MO	Kansas City; KMBC-TV, ch. 9; granted CP to raise transmitter 19 meters to 357m AAT/331m

	AG/612m ASL; same TL and ERP (316 kw max). St. Joseph; KTAJ, ch. 16; granted license to cover CP; antenna raised 172 meters to 326m AAT/313m AG/613m ASL; same ERP (5000 kw max) and TL.
NC	Wilmington; WUNJ-TV, ch. 39; granted MP (original CP was issued four years ago) to raise ERP from 661 kw max/525 kw hor to 4470 kw max; antenna to be raised 262 meters ASL to 553m AAT/549m AG/567m ASL; TL 5 miles NNW of Bolivia on Lewis Swamp Road; coordinates 34°07'51"/78°11'16" (Az. 170°, or slightly east of due south, 13.33 miles from present TL). Looks good for those Atlantic Coast troops.
ND	Bismarck; KBME, ch. 3; a double whammy on this one; granted license to cover changes: ERP reduced from 100 kw to 18.2 kw max; antenna reduced 14 meters to 425 m AAT/318m AG/1002m ASL. That should do wonders on their next membership drive. But maybe they already saw the light, because they were also granted a CP to go back up to 80 kw max ERP.
ND	Williston; KWSE, ch. 4; granted license to reduce ERP from 100 kw to 80 kw max; same TL and height.
PR	Naranjito; WECN, ch. 64; granted CP to reduce ERP from 1000 kw max to 771.25 kw max.
PR	San Juan; WKAQ-TV, ch. 2; granted license to cover CP for changes; ERP changed from 53.7 kw to 55 kw max; antenna height reduced 18 meters to 201m AAT/213m AG/1213m ASL.
SC	Columbia; WACH, ch. 57; granted license for change; ERP raised from 637 kw to 5000 kw max; antenna lowered about 10 meters to 193m AAT/159m AG/275m ASL; TL 1/4 mile west of U.S. Rte. 1 on Cushman Drive, near Columbia; coordinates 34°02'39"/80°59'52" (roughly 5 miles SSW of former TL). Increase in ERP looks good for coastal troops.
TN	Memphis; WMKW-TV (applied for call letters WMSU), ch. 30; granted license to raise ERP from 2500 kw max/1009 kw hor to 5000 kw max. Should be a good improvement for coverage area and DX.
TX	Denton; KDTN, ch. 2 (recently went on the air; this looks like an as-built MP); antenna height reduced 30 meters to 430m AAT/371m AG/621m ASL; same ERP (100 kw max).
VT	Burlington; WETK, ch. 33; granted license to cover CP for change: ERP raised to 1000 kw max (from 251 kw, according to Television Factbook and Broadcasting magazine, but from 631 kw, according to a data base from Larry Fuss); 815m AAT/30m AG/1239m ASL, which is about the same height as before. This should be a better DX target for the Northeast.
WA	Seattle; ch. 9; granted license to cover CP for change: ERP raised from 275 kw max to 316 kw max; 252m AAT/166m AG/305m ASL (about 13m lower); Same TL or close to it. Doesn't look like any big change.
WV	Huntington; WBPV-TV, ch. 33; granted MP to raise ERP from 1037 kw max/398 kw hor to 5000 kw max; 378m AAT/318m AG/605m ASL (reduction of 8 meters above ground, or 20 meters above sea level, whichever you want to believe); same TL or next to it. Expect a good boost for this station.

CALL LETTER APPLICATIONS: NEW STATIONS

ST	CH	CALLS	CITY/APPLICANT
AK	33	KDND	Anchorage; Echonet Corp.
FL	64	WIFL	Inverness; Meredith Corp.
GA	64	WFXQ	Macon; WGNM
MI	19	WYNL	Marquette; Upper Peninsula Telecasting Corp.
TX	60	KVDA-TV	San Antonio; Nueva Vista Productions
VA	44	WPCT-TV	Danville; A.W. Broadcasting

CALL LETTER APPLICATIONS: EXISTING STATIONS

ST	CH	CALLS	CITY/APPLICANT
GA	69	WHSI	Atlanta; WVEU
TN	30	WMSU	Memphis; WMKW-TV

CALL LETTER GRANTS: NEW STATIONS

ST	CH	CALLS	CITY/APPLICANT
CA	61	KKAK	Porterville; Arthur C. Kralowec
FL	53	WGFL	High Springs; WHSF
KS	5	KSWT	Liberal; Kansas Broadcasting Systems
MT	23	KLFV	Missoula; Continental Television Network
OR	31	KDKF	Klamath Falls; Sunshine Television
TX	48	KNVO	McAllen; KMHB
WV	40	WLFB	Bluefield; Living Faith Ministries
WI	57	WJNW	Janesville; Tri-M Communications

CALL LETTER GRANTS: EXISTING STATIONS

ST	CH	CALLS	CITY/APPLICANT
AZ	18	KTTU-TV	Tucson; KDTU-TV
KY	29	WKS0-TV	Somerset; WKS0
PA	35	WSEE-TV	Erie; WSEE
PR	54	MCCV-TV	Arecibo; WATX-TV

NEW STATIONS ON THE AIR

CA	Riverside; KSLD, ch. 62z, went on the air 12/17/1988; 2366 kw max ERP; 688m AAT/47m AG/1668m ASL; TL Sunset Ridge Electronics Site, 5.5 Kilometers at Az. 137° (southeast) to San Antonio Heights, CA; coordinates 34°11'15"/117°41'54"; DA BT HOR; NOTE: one reference shows a recent MP with slightly different data: 2340 kw ERP and 711 meters AAT; HSN affiliate (contrary to original publicity that they had planned to be Spanish language); address: Sunland Broadcasting Co., 6290 Sunset Blvd., Los Angeles CA 90028.
FL	Clermont; WKCF, ch. 68z, went on the air 12/8/1988; 5000 kw max ERP; 513m AAT/507m AG/523m ASL; TL 1.3 miles west of the intersection of Highways 17, 92 and Miller Road, near Orange City; coordinates 28°55'16"/81°19'09"; BT HOR; stereo facilities; independent station; address: Press Television Corp., 5125 Adanson Street, Suite 650, Orlando FL 32804.
GA	Athens; WNGH-TV, ch. 34z, went on the air 4/18/1989; 1258 kw max ERP; 412m AAT/368m AG/667m ASL; TL 4 miles northeast of Pendergrass, on the north side of State Route GA 82 Spur, Jackson County; coordinates 34°12'27"/83°37'48"; HSN affiliate; address: NGM Television Partners, Box 7818, Athens GA 30604.

- GA** Bainbridge; WTLH, ch. 49z, went on the air 1/31/1989; 1738 kw max ERP; 164m AAT/146m AG/232m ASL; TL in Nickleville (try finding THAT on a map), 0.8 mile east of State Route 179; coordinates 30°47'48"/84°19'28"; FBC affiliate; address: NewSouth Television Corp., 1203 Governor Square Blvd., Suite 501, Tallahassee FL 32301.
- ID** Twin Falls; KKV1, ch. 35z, went on the air 6/1/1989; 96 kw max ERP; 164m AAT/29m AG/1335m ASL; TL Flat Top Butte, 5.2 miles east of Jerome County; coordinates 43°43'42"/114°24'43"; DA BT C1K; ABC affiliate; address: Western Telecasting Co., 1061 BlueLakes Blvd. N, Twin Falls ID 83301. This means that KMTV-11, the other Twin Falls station, must be entirely CBS now.
- KS** Lakin; KSWK, ch. 32z, went on the air 5/15/1989; 100 kw max ERP; 167m AAT/162m AG/1056m ASL; TL 8 miles south, 8 miles east of Lakin (Why don't they just say 11 miles southeast?); coordinates 37°49'38"/101°06'35"; VA BT HOR; PBS affiliate; address: Smoky Hills Public TV Corp., 6th & Elm Streets, Box 9, Bunker Hill KS 67626.
- KY** Bowling Green; WKYU-TV, ch. 24z, went on the air 2/21/1989; 400 kw max ERP; 197.5m AAT/142m AG/368m ASL; TL 0.5 mile northeast of Rays Beach, near Hwy. 67, Bowling Green; coordinates 37°03'52"/86°26'07"; educational station; address: Western Kentucky University, Academic Complex 153, Bowling Green KY 42101.
- LA** New Orleans; WCLL, ch. 49z, went on the air 3/19/1989; 5000 kw max ERP; 271m AAT, AG & ASL; TL intersection of Behrman Highway and Garden Oaks Drive in New Orleans; coordinates 29°55'11"/90°01'29"; DA BT HOR; independent station; address: Crescent City Communications Co., 620 Desire Street, New Orleans LA 70117.
- MI** Mount Clemens; WADL, ch. 38z, went on the air 5/20/1989; 5000 kw max ERP; 192m AAT/190m AG/370m ASL; TL 22590 Fifteen Mile Road, 1.6 mile south of Mount Clemens; coordinates 42°33'15"/82°53'15"; independent station; address: Adell Broadcasting Corp., 22590 Fifteen Mile Road, Mount Clemens MI 48043.
- NV** Paradise; KBLR, ch. 39z, went on the air 4/1/1989; 1330 kw max ERP; 367m AAT/68m AG/1061m ASL; TL Black Mountain Communications Site, near Henderson, Clark County; coordinates 36°00'31"/115°00'22"; independent station; address: Rose Communications, 2309 Renaissance Drive, Las Vegas NV 89119.
- OR** Klamath Falls; KFTS, ch. 22z, went on the air 12/13/1988; 9.23 kw max ERP; 656m AAT/32m AG/1987m ASL; TL Stukel Mountain, 9.9 miles southeast of Klamath Falls; coordinates 42°05'48"/121°37'57"; HOR; PBS affiliate, satellite of KSYS, ch. 8, Medford OR; address: Southern Oregon Public TV Inc., 34 S. Fir Street, Medford OR 97501.
- TN** Cookeville; WHTT, ch. 28z, went on the air 11/5/1988; 230 kw max ERP; 265m AAT/142m AG/745m ASL; TL Goff Hill, 1.2 miles south of Monterey; coordinates 36°07'33"/85°17'33"; independent station; address: WHTT Television, 2046 N. Main Street, Crossville TN 38557.
- TX** Odessa; KMLM, ch. 42z, went on the air

- 10/17/88; 1130 kw max ERP; 146m AAT/145m AG/1034m ASL; TL 1.2 miles west of the intersection of State Routes 158 and 1788, near Udesa; coordinates 32°02'52.5"/102°17'44"; TBN affiliate; address: KMLM Television, Box 305, Gardendale TX 79758.
- Salt Lake City; KXIV, ch. 14z, went on the air 2/14/1989; 15 kw max ERP; 105m AAT/83m AG/1406m ASL; TL 136 E. South Temple, Salt Lake City; coordinates 40°46'09"/111°53'02"; independent station; address: American Television of Utah Inc., 5181 Amelia Earhardt Drive, Salt Lake City UT 84116.
- Charlottesville; WHTJ, ch. 41z, went on the air 5/19/1989; 251 kw max ERP; 352m AAT/85m AG/517m ASL; TL Carter Mountain, 3 miles south of Charlottesville; coordinates 37°58'58"/78°29'00"; PBS affiliate, satellite of WCVE-TV, ch. 23, Richmond VA; address: Central Virginia ETV Corp., 23 Sesame Street, Richmond VA 23235-0026.
- Norfolk; WJCB, ch. 49z, went on the air 5/29/1989; 2970 kw max ERP; 268m AAT/265m AG/271m ASL; TL Hwy 337, 0.75 mile south of Driver, on WHR0-15/WTVZ-33 transmitter site; coordinates 36°48'32"/76°30'13"; DA BT HOR; independent station, emphasis on religious programming; address: Tidewater Christian Communications Corp., 1930 E. Pembroke Avenue, Hampton VA 23663.

STATION BACK ON THE AIR

- WI** Suring; WSCO, ch. 14, went back on the air on 12/1/1988. No information about how much power it is operating at.

CONSOLIDATED HEARINGS

- AZ** Phoenix; ch. 61; Compass Rose Communications Corp.; Sun World Communications; Channel 61 Partners Ltd.; Maricopa Community Television Project; Brooks Broadcasting.
- NV** Las Vegas; ch. 15; Sainte Ltd.; Blackstar Communications Inc.; Telementer Broadcasting Inc.; Lorraine Walker Arms; P.Z. Entertainment Partnership; Daniel R. Ewing, Ltd. Partnership; Media Profiles Inc.; Tierra Alta Broadcasting; North Las Vegas Broadcasting Co.; Echonet Corporation. IFR 6/2/89
- WA Morton; ch. 39; Morton Broadcasting (What? No other competing applications?)

CHANGES IN THE TABLE OF CHANNEL ASSIGNMENTS

- KS** Junction City; delete 6z; add 31z (thus allowing WONT, ch. 6 in Omaha NE to relocate its TL and expand coverage without short-spacing to Junction City).

FORUM

Just in from the 7/11 *Philadelphia Inquirer*: "Channel 48 has been dark since August, '83, but it's a blaze of light compared with the signals between the folks supposedly reconnecting it. In yesterday's episode of 'Who's on First?', consultant Gordon French predicted that the former WKBS-TV would be on the air 'Sometime in September.' In March, French's prediction was 'by June 1, at the latest.' In April, it was July. Baltimore's Dorothy Brunson, owner of the Channel 48 license since '85, says things 'are still at a standstill. We haven't done anything as yet. I don't know where Gordon is getting his information from.'

"It gets better. French, 55, says that the station's new 12,000-square-foot headquarters at 642 N. Broad St. are almost complete and that he expects WGTW's new transmitter and electronic hardware 'to be coming in between now and Aug. 1.' Brunson says no equipment has been ordered. When told his boss' response, French said: 'Oh, wow. I want to go on record as deferring to what she said.' (Smart move, Gordon.)

"French attributes the delays to 'little things that keep happening. The delays are more a process of my imagination than of reality. My reaction when I plan things is, 'Hey, we can go this way.' Then we encounter delays. Delays are what the world lives with.' (Huh?)"

My guess is that they don't have the money. Not much mail this month. In fact, nothing at all in the Northeast. So we start down south with John Combs, who sent a few newspaper articles. The 6/22 *Atlanta Constitution* reports, "Video Jukebox Network (VJN), a small national company, has set up shop in Atlanta, broadcasting on a new, extremely low power station seen on Channel 55." (It then describes the call-in method, described in previous issues of the VUD) "And when the phone bill comes, there's a charge for \$2 per request, or \$5 for a three-video order. Twenty-five cents of that goes to Southern Bell, with the remainder divvied up by VJN and Channel 55.

"Why would viewers pay money to watch the same videos they can watch for free on MTV, VH-1 and TBS's 'Night Tracks?' 'Control,' says station owner John Broomall. 'It's the old power syndrome. Why do people go to video stores instead of watching what Ted Turner puts on?'

The station, which started airing VJN Saturday, is already getting 200 to 300 calls a day with only word-of-mouth advertising, Mr. Broomall said. Although viewers' requests usually appear quickly, as many as 16 calls have been backlogged, he said.

"Because Channel 55 has such a weak signal, much of the Atlanta area cannot receive it, or can receive only a poor picture. The signal is 11,600 watts, compared with 100,000-300,000 for full-strength stations. The transmitter tower sits on Sweet Mountain in northeast Cobb County, and the signal covers most of Cobb and Cherokee counties and much of north Fulton County. Reception in the city of Atlanta is hit or miss, depending on the viewer's antenna."

From the 5/27 *Florida Times-Union*: "In February Mrs. [Dolly] Harrell obtained a federal

permit to build a low-power television station in Putnam County. Under [FCC] regulations, she was given 18 months to begin building a transmitter powerful enough to reach at least across Palatka to Hastings and perhaps beyond. The FCC license allows for a low-power station on channel 49 and unlimited hours of operation. Mrs. Harrell plans a 1,000-watt station that will broadcast from the church site on Florida 19 south of Palatka. The station's call sign would be W49AW, according to the FCC. Gospel Vision will have Scripture and gospel music as cornerstones and will invite others who produce fundamentalist-oriented spiritual programming, she said. 'They have to be clean, decent people,' the 58-year-old preacher said. 'We don't want people who are begging for money.' She said the station will be non-profit."

"Mrs. Harrell plans to add the television transmitter and microwave tower that will relay the signal to a second, taller tower she hopes to erect two miles away. The station will be capable of broadcasting a television beam for 20 miles, she said. 'I already have my studio and already have my building,' she said. 'All I need is a tower and a transmitter and we'll be in business.'

"Erecting a 360-foot tower two miles away will require a permit from the Federal Aviation Administration because the church is near Palatka's Kay Larkin Municipal Airport. That permit has been applied for, and the church is awaiting word from the federal government. Mrs. Harrell said the church has already acquired the towers and is negotiating for land to use for the taller of the two. The church has enough money to build the towers, she said but needs \$60,000 to be 'well on the way' to constructing the transmitter and finishing the project."

PAUL GAINES (Detroit MI) sent in some news. The 6/20 *Detroit Free Press* reports, "WADL-TV (Channel 38), Detroit's newest TV station with studios in Mt. Clemens, has begun airing Hit Video USA, a network of contemporary music video programming, every night of the week."

Paul writes, "Chan. America answered my letter. Det is W26AB - antenna is downtown on Cadillac Tower Bldg. They now show Det. on their T.V. stations list (TV)." Their address - Channel America - LPTV Network, Inc. - 24 " - 57 St. - Suite 804 - N.Y., N.Y. - 10019."

"Balloon hit a TV tower - Raleigh, N.C. - 3 dead! - heard on CBS - radio - Detroit - Sun, 6-11. Didn't give station's ID."

Several articles indicate that a union strike by employees of WJBK-TV, ch. 2, is still going strong. Detroit City Council was considering solidarity with the union by refusing to give interviews or information. The union has been running a "Turn off TV2" campaign on bus placards and billboards.

A short letter from FRANK ADEN (Boise ID). "I had a good laugh after reading your reprint of TBN's letter concerning their problems in obtaining a transmitter site in Portland on 'Sylvan Mountain.' It is pretty obvious they had no idea in what they were dealing with or talking about. 'Sylvan Mt.' is actually Sylvan Heights which is located right in the middle of the Portland metro area. It is part of the west hills which overlook downtown (about 2 miles

away). The area is mainly residential with Washington Park (Portland Zoo is there) just to the east. There had been talk over 10 years ago about banning any additional RF transmitters in the area as all of the other TV stations have their transmitters in the west hills plus several FM stations. The area is saturated with RF transmissions. Referring to it as being a 'mountain several miles distant' is completely off base. I was amazed that KPDX was approved for the west hills when they first came on the air. "K43BE is still having problems, they are off the air just about 50% of the time."

A couple of letters from **WILLIAM LINDSAY III** (Lynnwood WA): "Just a quick note to report that Channel 33 is on the air with a jittery picture and 'Home Shopping Spree', one of those nationwide marketing programs." "The Channel 33 programming is merely continuous 'Home Shopping Spree.' There has been no ID at the top of the hour yet. It keeps losing its vertical hold and has a vibratory mixture of lines in the video."

In a later letter, Bill sent a photograph of a sign of **James G. Murphy Co. Auctioneers**, which had a list of items to be auctioned. On the list was **KONG-TV**, to be auctioned on July 12. He writes, "I saw this last night on the way home." "Looks like the 'end of the line' for KONG-TV. I guess their construction permit is cancelled, also. (I imagine all the equipment will be spread around, rather than be bought out by just one other station. I won't be able to be there, so I don't know.) There's a good possibility that if another person or company with a greater financial backing buys the permit, the FCC will grant an extension of time on its permit."

"KBGE-TV 33 (Bellevue-Seattle) has a stable signal now, but still Home Shopping Spree, with 'KBGE - TV Bellevue - Seattle' permanently superimposed in white over the video, where it probably will be burnt into the picture-tube phosphor if I left the set on for a long time."

News from out west comes from **LARRY FUSS** (now in Fayetteville GA). This first letter should have been included in last month, but it was strictly about a Las Vegas television station, so I was going to keep it with the Western letters. "KBLR, Ch. 39 in Las Vegas is on the air. At least that's what the ad says. They are not listed in the paper, nor are they on Prime Cable in Las Vegas. I disconnected the cable from the TV and tried to pick them up off the air, but there was no sign of them. I was able to get Ch. 27 LPTV with Spanish programming."

The ad referred to was in the April 16-22 *Las Vegas Review-Journal*, and reads, "Las Vegas movie channel - channel 39 UHF KBLR now on air - The greatest movies everyday - morning movies - afternoon movies - evening double features - tune us in...A new spirit comes to town."

Larry also sent this article from *Electronic Media* (no date): "The owner of the second-smallest television station in the country agreed last week to buy the nation's smallest television outlet, **KXGN-TV** in Glendive, Mont. **KXGN**, Channel 5, is the only television station in Glendive, which is ranked 212th among U.S. television markets. It inhabits the nation's smallest area of dominant influence, with 5,000 television households."

"Entrepreneur Steve Marks, who has agreed to

buy **KXGN**, already owns **WBKB-TV**, the only commercial TV station in Alpena, Mich., the nation's 211th ADI with 15,200 TV homes. Mr. Marks, 39, says he's attracted to 'single-station ADIs' because stations in such markets can garner all available TV revenue without having to compete against other TV stations in the promotion and marketing arena." "KXGN is primarily a CBS affiliate, but also carries some NBC programs. **WBKB** in Alpena is a CBS affiliate."

A couple letters and several articles from **DAVE SINCLAIR** (Vancouver, B.C. Canada), who writes about that Bellevue WA station: (dates 5/25) "Last Saturday evening I noticed that KBGE Channel 33, Bellevue, Washington, was on air. This station appears to have round the clock shopping. Saturday night was the only time I noticed an identification; and was identified as: 'Bellevue Seattle'. The signal is very weak and almost not there most times since but the sound is audible. This month's VUD advised their ERP as 14.8. Do you have an update on this and any info as to where their TL is?" (TL is atop the Columbia Center, 701 5th Avenue in Seattle. 14.82 kw ERP is their latest permit modification. - wbf)

Writing on June 21, "I have not been able to find out anything more about KBGE-TV Channel 33, Bellevue, Washington. I looked through several Seattle newspapers at our main library and the western Washington edition of TV Guide does not mention this station."

From the 5/17 *Globe & Mail*: "The Canadian Broadcasting Corp. wants to raise cable television fees for its English-language all-news channel by as much as 44 per cent this fall to eventually help pay for the proposed French all-news channel"

While on Canadian cable television, here's the 5/11 *Prince George Citizen*: "For almost 10 years now, pay-per-view television has allowed many American TV viewers to curl up in their favorite easy chair and dial up recent Hollywood movies, superstar pop concerts and big-event shows like *Wrestlemania*. Canadians seeking the same items, however, have usually had to troop outside to the corner video store, or to a closed-circuit screening at the local arena. Pay-per-view has been described as the 'third wave' in television - after over-the-air broadcasts and satellite-delivered channels - but was banned in Canada until recently because of concerns about its impact on culture and the broadcasting system. Last year, however, the federal broadcast regulator agreed to entertain applications for pay-per-view. And though none have been forthcoming, the Canadian cable and pay-TV industries are quietly pondering how to launch the system."

And here's a situation I'll bet many Americans wish we had: The Canadian Home Shopping Network is having problems. "The federal broadcast regulator has refused to give Canadian Home Shopping Network (CHSN) Ltd. the tool the company says it needs to improve the 'embarrassing' quality of its cable television shopping channel as well as its financial performance. In a blow to both the money-losing company and its controlling shareholder, Rogers Communications Inc. of Toronto, the [CRTC]

yesterday denied CHSN's applications for licenses that would allow it to broadcast its service, in both English and French, using full motion pictures instead of still photographs. Although one CRTC commissioner dissented, the majority, led by acting chairman L.R. (Bud) Sherman, ruled that granting CHSN a full-scale license as a specialty programming service 'would not necessarily strengthen the Canadian broadcasting system in any way or contribute significantly to the realization of the objectives of the Broadcasting Act.'

From the 3/22 *Globe & Mail*: "CHUM Ltd. has stirred up a hornet's nest with plans to disaffiliate its Barrie, Ont., television station from Canadian Broadcasting Cpro. and convert it to independent status, and the hornets include auto parts giant Magna International Inc. Magna ... thinks CHUM is trying to get its new independent station via the back door, according to documents filed with the [CRTC]. Instead, Magna contends, the federal broadcast regulator should give other companies - including itself - the chance to compete against CHUM for a broadcasting license for a new independent TV station through the normal process of calling for competing applications." The article goes on to point out that Magna and others (all of which have broadcasting interests in the Toronto area) who oppose the network change in CKVR in Barrie fear that as an independent, CKVR will have greater viewership, obtain higher status on Toronto cable television, and become a greater competitor in the advertising market.

Dave is interested in correspondence with other members of the WFTDA, as well as sharing

various editions of the TV Guide. If interested, write to him at: 6565 Brooks St., Vancouver B.C. V5S 3J6, Canada.

Dave also included, in one of his letters, an advertisement for that indoor parabolic television dish antenna which I described some months ago. I don't see anything in the ads that seem to be in any way misleading. They tell you it works like "rabbit ears," tell you it doesn't transmit any signals, say that it tunes into "every local broadcast channel." The ad even offers a money back guarantee if you aren't satisfied. It's definitely not something you'd want for DX purposes. But Dave is curious if it works. If anybody has tried one of these, let me know what kind of results you got.

One final comment which I made a few months ago. Some articles which have been sent to this column just have no value whatsoever to WFTDA members. For example, an article about television station sales has no use unless it means the station could change networks, format, or some form of broadcasting policy as a result. An article would be of value if it reported that a station is picking up first-run syndicated programs, or creating its own programs, but an article mentioning that a station is airing a particular program is useless. We could just as well list a complete program schedule of every station in North America for that matter. And if a newscaster quits his/her job at one station to start at another station, so what?

If you have a newsworthy article, send it in. But please don't send in everything that makes mention of a television station.

ANOTHER DX PUZZLE

from Tom Bryant,
WSM Radio

CHANNEL 3 CALL LETTERS - TOTAL 40
(plus bonus station formerly on
channels 3 and 4 and now on 6)

K O O T K X W N S K R Q
O R W I H J R W S A Z M
E Q R Y M H Y L F C F C
T K E N L K A B C W K Y
W O G X A V B R V T M K
B A F K R T V W V T M W
C B V A W K O S W S K W
S P E E Y V K K Q B K A
R W L B T L C E M R T Y
K K I K W K R E N M B V
T U B S V R A S I W S A
W T T R C K C K A C B S
X M N R F C H B X A C W

(SEE PAGE 25 FOR SOLUTION!)

QSL CORNER & LOGOS RUN

THOMAS J. YINGLING, JR. KA3TCC
221 PINWOOD ROAD
BALTIMORE, MD 21222-2345



DE W27AJ-TV 27 Dover, Whitaker Road (no zip given). Answered my qsl report via my prepared card (I had trouble QSL'ing WMDT-TV some years back. Power of 19.2kw (but signed by WMDT-TV ch. 47 Salisbury, MD CE and mailed from Salisbury at Box 321, 202 Downtown Plaza, Salisbury, MD 21801. (Holbrook)
KY WRVC 93.7 Huntington Box 1150 (no zip given). Send back my prepared card signed by Scott Hennley, CE. Reply in 6 days. (Holbrook)
DE WZBH 93.5 Georgetown, Box 111 (again no zip code given). Answered via my prepared card signed by Terry Dalton, back in 8 days. (Holbrook)
MD WGRX 100.7 Westminster, Box 200, zip 21157. Send letter, signed by Ken Caedisa. Also qsl'd my reception of their traffic plane on 161.76Mhz. Reply back in 24 days. (Holbrook)
MD WXCX 103.7 Havre De Grace, P. O. Box 269, zip 21078. Send long letter back from Bruce A. Collier, Program Director, WB3HVV & DX'er who wants reports. (Holbrook)
MD WAAI 100.9 Hurllock P. O. Box 1300, zip 21643. Letter back from Keigh A. Mayo, VP. Report is for 2nd day of operation. (Holbrook)
MD WDLE 107.1 Federalsburg, Main Street, zip 21632. Hand written letter signed by Gary H. Kleiman, VP/GM back in 5 days. (Holbrook)
ON CBEE 88.1 Windsor, 267 Pelissier Street, 9th Floor, N9A 4K5. Letter in 41 days from R. A. Clark, Radio Resources Mgr. (Falconer)
ON CJEZ 97.3 Toronto, 40 Eglinton Ave. E, M4P 3B6. Letter and coverage map in 39 days from Grant Turpenney, Eng. Mentions ERP of 4,000 Watts with antenna atop the (N tower. (Falconer)
ON CKLP 103.3 Perry Sound, 24A Williams St., P2A 1V1. Letter, coverage map/rate card & 2 bumper stickers in 45 days from Sharon Beaucage, Mgr. who mentions they recently moved antenna & are interested in reports. (Falconer)
IL WJCH 91.9 Joliet, 13 Fairlane Dr., zip 60435. Letter and Family Radio schedule in 18 days from John Rorvils, Mgr. Mentioned my report is farthest received so far, and mentioned a recent report from Duluth, MN (maybe Bruce Elving?) (Falconer)
IN WVPE 88.1 Elkhart, 2424 California Rd., zip 46514. acknowledgement of reception on station memo pad paper and coverage map in 45 days from Tim Eby, Mgr. (Falconer)
OH WUJC 88.7 University Heights, John Carroll University, 20700 N. Park Blvd., zip 44118-4581. Letter and WUJC fridge magnet in 35 days from David E. Reese, GM. (Falconer)
PA WOED 89.3 Pittsburgh, 4802-5th Ave., zip 15213. Letter, bookmark, 2 wall posters, and copy of Pittsburgh Magazine in 52 days from Jay R. Conley, FM Technician and returned my SASE. (Falconer)
PA WMCE 88.5 Erie, Mercyhurst College, zip 16546. Send back my prepared card, signed by Richard Ragan in 2 weeks. (Ross)
TX KFMX 94.5 Lubbock, Box 12030, zip 79452. Send back my prepared card in 2 weeks signed by Tommy E. Jenkins, Eng. (Ross)
ON CKWR 98.7 Kitchener, Box 2035, Stn. B, zip N2H 6K8. Send back my prepared card in 4.5 weeks signed by Scott Jensen, PD. (Ross)
WV WFGM 97.9 Fairmont, Box 2798, zip 26555. PFC & letter back from Mark Mayhugh, N8FSM & CE in 5.5 weeks. (Ross)
AL WAKA 8 Selma, X 3020 E. Boulevard, Montgomery, AL zip 36116. Send T-shirt & letter on "Inter-Office-Communications stationery in 23 days from Dawn Manek, Promotional Mgr. John says "Many clubs would not even count this as a QSL; although she says "thank you for letting us know you picked up our station" and "thank you for your information" she falls short of actually verifying the logging. (Combs) (note from editor: this post card just came, and was postmarked Oct 25, 1998)
IA KRDI 100.9 Decorah, P. O. Box 27, zip 52101. Letter from Paul Scott, GM who says they are on the air from 5:30 am until midnight daily. (Elving)
MN KFML 94.1 Little Falls, 70 NE 1st Ave., zip 56345. Letter with unreadable signature chief operator/PD morning man send a short letter accusing me of being "the

With the lack of many QSL items to use, trying not to repeat using the same station tv id Logo, and just being to busy to do this column I have missed a few months. I'm sorry to all that were looking for this column. I did make a phone call to Buffalo, NY to Bill Thompson to tell him of my problems, and was told about a new problem. The club has been getting new members who are not too familiar in the way to write a reception report to a FM or TV station. I will try my best to give some highlights in how to report for verification of your reception.

First of all, is the actual logging of a DX station. Try to copy down all the details you can. The time of day (give your local time and if the station is in another time zone give it as well like 10:00am edt/9:00am cdt), all the commercials you can get (commercials are a must for a station broadcast log for proof that they did them for the sponsor), station jingle or slogan, the names of news reporters, weather reporters & sports reporter for local news items, dj names, the type of music (I found the titles of records/cd's/albums/tapes played don't help, too many are played anyway to remember or logged anyway), psa's (special service announcements like the American Lung Assn. & etc.), news network (like ABC, NBC, etc...), and I think at this point you see what I mean to report. Get all you can for more proof that you did receive the station.

Next thing is your reception report to the station. You can do this a few ways.

1. Use form letters to report your reception. All the wording is on the form letter already. You just have to fill in the blanks. 2. Send a personal letter. 3. Send a tape recording like a 2 inch reel-to-reel tape at 3 3/4 ips or 7 1/2 ips, or a cassette tape for the FM station. Or, if you like send a video tape of your tv station logging. This will cost more, and then you may not get the tape back.

You can make your own form letter, if you have a home computer. If you don't have a computer just keep a copy of a form letter, and then write your reception report the same way. This is what I say in my tv qsl form letter that I made with my Commodore 128. For other bands beside tv, like fm, am & even shortwave radio just change the wording from distant television stations to distant fm radio stations.

"My hobby is to receive distant television stations. I had the pleasure to receive your station on channel 24, from 10:55pm edt to 11:38pm edt on date of 8-5-88. Details of my reception, which I hope prove interesting are listed below. If you find this report correct according to you stations's logbook, I would appreciate receiving a card or letter of verification (QSL) to confirm my reception. I collect these QSL's and your verification would make a fine asset to my collection. If possible, please list the date, time, channel, power of transmitter used, & indicate the site of the transmitter used for the broadcast I viewed."

At this point you would give a list by the time of what you logged. List the time in order, and what you logged. Then tell the station what kind of equipment you use to able to receive them. List the radio or tv brand name, model number, the type of antenna you have. Also tell them of how good the signal was or was not. If you had interference to the reception, tell them that too. Any information you can give on the reception will be helpfull to them.

Then when you are ready to close the letter with your thanks for reading your report, and taking their time. "I like to thank you for reading my report. I hope that you find that it does match up with your broadcasting schedule. If possible, when you reply, please send any station information you can. I collect pendants, schedules, bumper-stickers, coverage-maps for my collection."

I hope this may help any member on reporting for QSLs. Many dx'ers are not reporting for qsls due to increase postage cost, stations are getting hard to qsl now. The stations here not too familiar with the hobby as they were when radio was new. If you have any for suggestions, and tips on how you report for QSLs, please write to me for use in the column. 73's.

KKKK RADIO STATION
"QUAD K 99-FM STEREO/QUAD"
BOX K
MIDLAND, TEXAS 79701



WCLG FM/AM
morgantown, west virginia, 26505

most furthest we've received word of." (Elving)

NE KNEN 94.7 Norfolk Letter from Gene Koehn mentioning also being heard in San Francisco "That is really some skip" Said town is pronounced like Johnny Carson says it, not "Norfolk", like some local "stubborn Germans" say it. (Elving)

NC WRCM 98.7 Jacksonville, 307 Johnson Blvd., zip 28541. Bill Cox, PD sends letter, bumper sticker. (Elving)

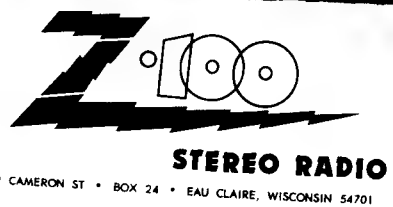
NC WOBR 95.3 Wanchese, P. O. Box 400, zip 27981. Letter from Todd Mitchell, Mid-day announcer says "Ironically, I've picked up several MN FM stations since moving here from Rochester, MN over a year ago on my car stereo with no booster. One both of our car stereos." (Elving)

SD KAUR 89.1 Sioux Falls, Augustana College, zip 57197. Letter from Daniel J Lurd, GM. (Elving)

TX KGNZ 88.1 Alilene, 542 Butternut, zip 79602. Long letter & bumper sticker from John R. Scaggs, Operations Dir/Eng who explains they use the word "sponsored" to mean underwriting, and wishes me "happy hunting on the dial in the future" (Elving)

TX K001 106.5 Jacksonville, P. O. Box 1648, zip 75766. Letter from Steve Comer, no title given, verifies & mentions also being heard in Canada. (Elving)

WI WCLQ 89.5 Wausau, % 536 Grand Ave., Scofield, WI 54476. Letter from Chuck Sepp, Mgr. says "Your letter was a great encouragement to myself and to our church as I shared it with them....you and your family are our most distant listeners. We originally intended our wattage to reach a 30 mile radius. We have gotten many reports from listeners much farther than that, but you are the farthest." (Elving)



FM STATISTICS

FM SCOREBOARD

Fred Nordquist
7945 Boxford Road
Clay, NY 13041
Deadline: the 5th

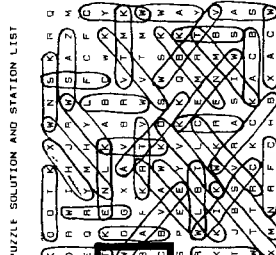
UPDATED 6/10/89

RANK	NAME	LOCATION	TOTAL	88-92	ES	MS	AU	USA	CN	MX	FD	TPU	YB	AS OF:
SORT BY TOTAL														
1	PAT DYER	TX SAN ANTONIO	2219	364	1811	49	0	44+	3	21	5	74	70	12/31/88
2	DANNY BUNTIN	OK STILLWATER	1781	283	1069	4	0	40+	5	9	2	65	74	08/02/88
3	BRUCE ELVING	MN DULUTH	1627	270	1305	8	0	44+	3	1	0	49	48	11/07/88
4	RALPH STROBEL	IN MUNCIE	1618	447	440	15	6	43+	7	2	0	53	72	06/03/89
5	JOHN EBELING	MN BLOOMINGTON	1500	265	913	44	82	47+	5	5	0	58	52	01/01/89
6	FRED NORDQUIST	NY CLAY	1434	273	697	40	58	41+	5	0	2	49	69	05/10/89
7	MIKE BUGAJ	CT ENFIELD	1423	198	740	15	23	37+	3	0	1	42	74	04/03/89
8	JOSEPH FELA	NJ S. PLAINFIELD	1373	287	694	2	9	37+	6	0	3	47	68	11/06/88
9	DAVID NIEMAN	NY AKRON	1277	340	382	46	23	43+	8	3	5	55	59	12/31/88
10	BOB SEYBOLD	NY DUNKIRK	1114	175	543	0	0	41	6	3	0	50	58	07/22/87
11	FRED MCCORMACK	ND DES LACS	1110	145	883	26	87	44+	6	4	0	55	65	04/09/88
12	FRED MCCORMACK	ND FARGO	1099	199	759	3	52	47+	6	3	0	57	74	04/09/88
13	JOHN EBELING	MN PROBIT	988	179	650	3	5	47+	8	2	0	58	75	01/01/89
14	JOHN JEFFERSON	CA PLEASANTON	985	216	560	136	0	27	4	0	4	35	57	07/21/88
15	MARK HOLBROOK	ND CHEY CHASE	839	214	223	18	0	35+	6	3	4	55	59	05/12/87
16	GREG CONTI	NY WILLIAMSVILLE	761	136	368	5	5	35+	8	0	2	46	85	10/01/88
17	ALAN MICHALEX	MA SPRINGFIELD	747	100	452	0	0	35+	5	0	0	42	52	04/03/89
18	CARLON HOWINGTON	FL ST PETERSBURG	730	0	0	0	0	0	0	0	0	0	87	11/21/88
19	BOB SPOLAREK	NJ OLDWICK	695	126	246	0	0	36+	3	0	1	41	78	04/01/88
20	BILL NELLMAN	CT NORWICH	686	83	294	20	0	35+	5	0	0	41	81	11/04/88
21	MATT SITTELL	TN KINGSFORD	592	75	382	1	0	31	4	3	2	40	85	12/31/88
22	BILL KRETSCHMER	MA N. SYRACUSE	585	91	122	1	0	35+	3	0	1	40	74	05/10/89
23	DAVID DEELL	AR LITTLE ROCK	496	61	178	3	0	41+	4	5	1	52	80	05/14/87
24	ROBERT ROSS	ON LONDON	430	128	146	0	0	22	1	0	1	24	76	08/12/87
25	LARRY MEADE	IL CHICAGO	415	80	63	3	0	21	1	0	0	22	79	08/24/88
26	MIKE HOGAN	I. BURNHAM	326	72	40	0	0	26	1	0	0	27	76	05/01/87
27	BOB SCHWEITZER	NJ E. BRUNSWICK	266	78	7	0	0	11+	0	0	0	12	77	04/01/88
28	WILLIAM HEPBURN	ON MISSISSAUGA	237	85	54	1	0	24+	1	0	1	27	79	02/12/89
29	BILL NIENAJADLY	NJ CLIFTON	213	57	14	2	0	19+	0	0	0	20	75	04/21/89
30	GUS MANCUSO	ND CHEVERLY	192	26	2	0	0	11+	0	0	0	12	78	10/05/87
31	FRANK WHEELER	PA ERIE	160	23	1	0	0	8	1	0	0	9	64	03/13/89
32	DOUGLAS ALLEN	CO WOODLAND PARK	152	24	27	9	0	23	0	0	0	23	88	03/21/89
33	BOB SCHWEITZER	NJ OLD BRIDGE	146	41	0	0	0	9+	0	0	0	10	82	04/01/88
34	MORRIS SORESENSEN	ON MILTON	130	24	24	0	0	16	1	0	0	17	83	06/16/88
35	MARK STRICKERT	IL CHICAGO	129	25	6	0	0	5	5	1	0	11	79	04/23/89
36	ROBERT GRANT	MI DETROIT	106	20	21	0	0	12	1	0	0	13	71	07/01/87
37	WILLIAM HEPBURN	NT CORAL HARBOUR	58	5	57	0	0	5	8	0	0	13	84	02/12/89

*=VERIFIED

COLUMN DEFINITIONS are as follows: Total=Total number of FM stations logged from DXer's location (All loggings should be received within 25 mile radius of this location to count). Freq. changes count as a station, call letter changes DO NOT count. Also count a station only once regardless if logged by different propagation modes.) 88-92=All stations logged from 88.0 to 91.99 Mhz. ES=Total number of stations logged via E-skip. MS=Total by meteor scatter. AU=Total via Aurora. USA=Total number of states and the '+' = Washington, DC. CN=Number of Canadian provinces logged. MX=Number of Mexican states logged. FD=Number of foreign countries, but not Canada or Mexico. TPU=Total number of political units=sum of USA CN MX and FD. YB=The year you began DXing. Other groundrules for computing log totals are included in AUGUST 88 VLD Page 48. NOTE: FM Scoreboard entries not updated after 19 86 are not included above. So please submit your updates to the FM SCOREBOARD to get reinstated. 73-Fred

DX PUZZLE SOLUTION FROM PAGE 21



- PUZZLE SOLUTION AND STATION LIST
- 1 KDET OK
 - 2 KXIV YU
 - 3 KXIV YU
 - 4 KXIV YU
 - 5 KXIV YU
 - 6 KXIV YU
 - 7 KXIV YU
 - 8 KXIV YU
 - 9 KXIV YU
 - 10 KXIV YU
 - 11 KXIV YU
 - 12 KXIV YU
 - 13 KXIV YU
 - 14 KXIV YU
 - 15 KXIV YU
 - 16 KXIV YU
 - 17 KXIV YU
 - 18 KXIV YU
 - 19 KXIV YU
 - 20 KXIV YU

PHOTO NEWS

AUGUST 1989

Here's the last fotos of John F. Combs - Jacksonville, Florida cracker jack March tropo opening. John has promised to include some DX shack and "urban antenna farm" fotos in the next batch he sends in.

Mailing Address:

PHOTO-NEWS - P. O. Box 155 - Clarence, NY
14031-0155 U.S.A.

Fotos submitted to PHOTO-NEWS become the property of this column and will not be returned.

EDITED BY
David J. Nieman

PHOTO NEWS

AUGUST 1989 page 2

PHOTO-NEWS - P. O. Box 155 - Clarence, NY
14031-0155 U.S.A.
Fotos submitted to PHOTO-NEWS become the property of this column and will not be returned.
DAVID J. NIEMAN

Matt Sittel got to do some DXing while at college in Raleigh, North Carolina. WIS-10 was one of his catches. The other DX fotos were taken at his home base in Kingsport, Tennessee.



KVEO-23

Brownsville, Texas
1020 mile tropo

seen March 15, 1989

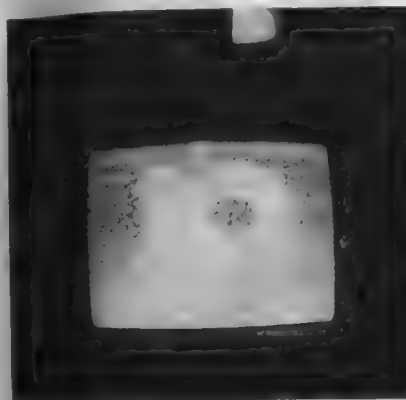


WKFT-40

Fayetteville, NC

392 mile tropo

seen Mar. 15, 1989



WIS-10

Columbia, SC

161 mile tropo

seen March 31 1989

at 0130 EDTIME



"Does this test pattern have a name? I see it often on WJKS -17 !"

Can anyone help?? I see it on the CBLFT-25 Ontario repeaters. They seem to run it before CBLFT -25 comes on.



CKRN-4

Rouyn, Quebec

822 mile E-skip

seen June 8 1989

at 1129 EDTIME



CBWFT-3

CBWFT-3

Winnipeg, MB

1187 mile E-skip

seen June 8, 1989

at 1259 EDTIME

Till next time when Mike Hollis takes us on a tour of his Mary Esther, FL DX shack and shows us more gulf tropo....

DAVE

WESTERN TV-DX

August 1989

It seems that June 1989 was certainly not the best ever for E skip! From my perspective and that of several other reporters it was likely the worst in memory. Luckily, it did seem to improve late in the month and has been continuing to improve in July. However, I don't know if we can hope to catch up in the seasonal opening count category.

As usual, this month's column includes some nice tropo loggings. There are some catches reported in the 400-600 mile tropo category.

New _____ New Mode _____ Tent. - t Unidentified - unid S/On - + S/off - =
ID Color Bars - @ Unid Color Bars - % Misc. Test Patterns - &
Parallel Programming - //

CH Chihuahua SI Sinaloa

Frank Aden Jr., 5147 Morris Hill, Apt. 133, Boise ID 83706

Thought I would give you a quick report on the skip seen (not seen!) here this season so far. This has to be the worst one on record since I started TV-DX'ing in 1970. As of this date, only one major opening has occurred and it was on the evening of the 1st (nothing at all was seen in May except for a short one lasting about 30 minutes on the 16th). It lasted about 4-5 hours and the MUF got up to FM a few times. No new stations noted, only stations ID'ed were in Kansas. Was able to ID just a few on FM.

What has happened? It is almost like we have yet to make it to summer. Bill Frahm and I were going over past DX records and can not believe how bad it is. At least I am not feeling too bad about not yet being able to put up some outside antennas (still looking for a place to buy). It will be interesting to see what happens in July.

73, Frank

Scott Steenhusen, 777 Silver Springs #1804, Wichita KS 67212

CDT

Equipment:

RCA XL-100 19", rabbit ears - VHF and Radio Shack U-120 - UHF at 25 feet

May 1989

23 tr 0028	KJTV	34 TX	375	23 tr 0133	KCIT	14 TX	290	(cont.)	rabbit ears.
0030	=KAMC	28 TX	375	0200	KVII	7 TX	290		OKC 14, 34, 43 on
	KHBS	40 AR	240		KYTV	3 MO			bowtie after rare
0036	KAAS	18 KS	95		KOLR	10 MO			disappearance.
	(With CCI)			0204	=KVIJ	8 OK	210	24 tr 0300	KSHB 41 MO 175
0042	KCBD	11 TX	375	0213	KBIM	10 NM	490		KMCI 38 KS 140
	KMBC	9 MO	180		(Local KAKE off)				KSNF 16 MO 160
	Topeka 27, 49			0225	=KOBR	8 NM	nearly	0400	KMOV 4 MO 410
	KMCI	38 KS	140		snow free s/off				
0047	KSNF	16 MO	160	0247	KOLN	10 NE	test-	June 1989	1 Es 2230 KNAZ 2 AZ 965
	Tulsa 17, 23				ing under KBIM				
0050	KPTM	42 NE	245	0517	KRBC	9 TX	375	DX From Irwin, Iowa:	
0051	K31BW	31 KS	110		+KLBK	13 TX	still	May 1989	31 Es 1100 WESH 2 FL 1200
	(Manhattan LPTV-TBN)				strong at s/on				1805 WFMY 2 NC 910
0103	KETV	7 NE	260	2200	OKC 4, 5, 9, 13,				2249 WKTV 2 NY 1010
0107	KOBR	8 NM	490		KOED-11, KOAM-7				
0130	KLBK	13 TX	375		all vy strong on				

The DX this fall-winter-spring (written 06/06/89 fm) has been an eerie facsimile of this time period one year previous. Zilch. The only noteworthy events from October 1988 to May 1989 - one new logging on October 19, KTHV-11 from Little Rock with both locals 10 and 12 on at the time and some December E skip on the 23rd with Florida's channel 2's - WESH and WPBT.

Finally though, a very refreshing 500 mile tropo duct occurred May 23 and from a rare direction too - the southwest. I do have an oddity to report from that exciting night - Oklahoma City UHF's 14, 25, 34, and 43 made a rare disappearance from the scene, considering that at 0100 Oklahoma City channels 4 and 5 were in strong on the rabbit ears,

Western TV-DX

August 1989

Scott Steenhusen (continued)

but not even a faint UHF signal was received with the outdoor UHF antenna at the same time. Often, the Oklahoma City UHF's are the first stations to be seen and the last to disappear during the least bit of enhancement, especially during an opening to the south (Tulsa 17 and 23 were in at this time).

I shed no tears over this incident though, with the long sought after loggings of KCIT-14 and KJTV-34 arriving with no CCI!! 73's

Ed Frye, 22618 Cardiff Drive, Saugus CA 91350-3017

PDT

Equipment:

VHF - Winegard CS-4052, Channel Master 9510 rotator with 9535 Programmable Control Unit, Channel Master 7477 preamplifier, Channel Master 7270 step attenuator, Channel Master 7205 mid-band trap (to control CATV leakage), Channel Master 7035 MATV distribution amplifier, Comm-Scope RG6 cable. UHF - SITCO ECL16-1-14/83 log periodic, Alliance HD73-1 rotator, Winegard PA-4975 preamplifier, Comm-Scope RG6 cable.

June 1989

20 Es 1300	CCI on 4	Heavy	20 Es 1350	unid ch 3 ABC
1320	CCI on channel 2		1400	KENW 3 NM 865
1330	CCI on 5	Brief	1600	KIDK 3 ID 710
	XHQ 3 SI	945	1630	KRTV 3 MT 975
1040	unid ch 4 ne CBS		1830	CCI on ch 2 ne
1100	KLEW 3(WA) 810		1900	KLEW 3(WA) 810

On Thursday, June 15, semi-local KNSD-39 (San Diego) reported on its 11 PM newscast, that sunspot activity would occur by the upcoming weekend. A daily check of the low-band channels produced nothing until Sunday morning, June 18. Amid temperatures approaching 105 degrees that day, locals KCBS-2 and KNBC-4 gave way to a fair amount of cci, though no ID's were possible. On channel 3, however, KLEW-TV came through from Idaho.

You will note, from my equipment list, that I have acquired the Channel Master programmable rotor control. This unit, now discontinued by Channel Master, is a departure from the traditional (and somewhat noisy) set-top controller in that its operation is absolutely silent. My HD73 controller, while also silent, is far more utilitarian with its azimuth meter and boxy cabinet. For DX'ing purposes, I find the LED compass dial on the Channel Master programmable unit to be a real handicap. It only provides 7 compass readings between each quadrant (i.e. "North" to "East"), leaving one to speculate as to exactly where the antenna is pointed. DX'ing aside, the programmable feature, while a novelty to some extent, is impractical because atmospheric conditions (at least here in southern California) necessitate frequent antenna adjustments for routine TV viewing. What I do like is the infrared handheld device that comes with the 9535 control unit - nothing like rotating the antenna with my feet up!

In the midst of a strong 100 degree plus heat wave here, another unusually productive afternoon (June 20) of E skip activity happened my way. ID's were difficult most of the time, due to very pronounced "venetian blind" effects on channel 2 and 4. Channel 3, however, was at times absolutely jammed with sunspot related noise. My VCR's tuner though, hung on long enough to capture solid ID's of the above stations.

William Draeb, Ellis St., Rt. #2, Kewaunee WI 54216

CDT

Equipment:

7' Finco dish, B-T CMA-Ub preamp @ 93', .750 cable. Stacked Finco high band yagis with B-T AB-3 (tube type) preamp @ 100' with RG/11 cable. Second tower, 40', with Winegard CH-2026 (lo-band) and Winegard SC713 (hi-band) yagis. Hi-band uses AB-300 preamp. Zenith 14N22 table model 23" b&w (1971) with B-T BTU-2s UHF converter (used for UHF and also the stacked hi-band yagis) and Zenith 16J20 19" b&w (early 60's) (used with antennas on 40' tower). Panasonic 9" b&w portable.

June 1989

2 tr AM	W65BT 65 WI	4 tr 0615	KDNL 30 MO 432	9 Es 1203	unid ch 2+ weak
	(Milwaukee w/KJMH-26)		W54-- 54 MI 100	10 tr 2145	W24AI 24 IN 201
	(Normally WCIU-26)		(Iron Mtn WPNE-38)		(Michigan City TBN)
3 tr AM	W22AJ 22 IL 141		(Snow free)		W69BT 69 IN 208
	(Waukegan LPTV)		EX 1749	unids chs 2-4 w	(South Bend WCIU-26)
4 tr 0550	KDEB 27 MO 589		5 Es 0740	@KNMZ 2 NM	W08BW 8 WI 60
			8 Es 1200	unids chs 2, 3 s	(Sheboygan RFD-TV)

William Draeb (continued)

11 tr 1118	WXIX 19(OH) 400	25 tr 0450	W26AB 26 MI 265	July 1989	1 tr 0440	W22AJ 22 IL 141
	WCET 48 OH 400	(Detroit LPTV)	(Channel America)			(See Note # 1)
2000	WKONT 52 KY	0700	Lower ON UHF's,	0457	TVO on 15,28,42	©CBLFT21 23 ON
2049	WPBO 42 OH 462		east OH, Buffalo	0511	CITO 11 ON	(Good signal)
2052	WYMT 57 KY 553		Toronto - most	0523	CIT09 10 ON 418	(CTV // CITO wk)
	WKHAT 35 KY	Es 1416	snow free	0543	TVO on ch 49	
2054	WSBN 47 VA 587		WCBD 2 SC 916	Es 1418	unids chs 2-6 nw	
	(Snow free)	tr 1821	WWAY 3 NC	1500	Most E skip gone	
	WMSY 52 VA		WCET 48 OH 400	2148	E skip returns	
	WBRA 15 VA	2210	WSEE 35 PA 405		unid ch 2+ nw	
2102	WUNFT 33 NC	27 tr 0730	KSAX 42 MN	tr 2230	CIC019 19 ON 350	
2128	WRDGT 16 NC	1823	W24AI 24 IN 201	2 Es 1035	unids chs 2-6 w	
	WNRWT 45 NC		W69BT 69 IN 208	1100	KCNC 4 CO	
	WGGT 48 NC		WCET 48 OH 400		KDUH 4 NE	
2140	WOSU 34 OH 395	28 tr 0050	W26AB 26 MI 265		KTVST 3 CO	
12 Es 1800	unid channel 3 s		CBLN's 20,34,40,		KOTAT 3 SD	
16 Es 1203	unid channel 2+		and 45		KWSE 4 ND 811	
1238	WEAR 3(AL)	Es 1810	KTWOT 2 WY		CBKFT2t 3 SK	
	unid channel 4	1855	KOTAT 3 SD		Most E skip gone	
17 ms 0535	CBFT 2 PQ		unid channel 4		followed by au	
tr 1812	WCET 48 OH 400	29 tr 0525	©KNLC 24 MO 432		unid ch 2+ nw	
18 tr 0552	KITC 10 MN 248		KDNL 30 MO 432		CIC019 19 ON 350	
Es 1148	KIII 3 TX	2230	Iron Mtn MI 100		KCNC 4 CO	
	unids chs 4, 5		(Snow free)		KDUH 4 NE	
2041	KATC 3 LA	30 tr 0026	W33AR 33 IL 171		KTVST 3 CO	
	WWLT 4 LA		(Rockford WCIU-26)		KOTAT 3 SD	
	unid channel 2	0602	©WKAS 25 KY		KREG 3 CO	
2107	unid channel 5		WTSF 61(WV)		KIDK 3 ID	
2109	unid channel 6		WDRB 41(IN)		KTVxt 4 UT	
20 Es 1300	KACV 2 TX		WDKY 56 KY		KXLYt 4 WA	
	KENW 3 NM		Lexington KY 18,		KTWOT 2 WY	
1315	unids chs 4, 5		27, 36 473		KCNC 4 CO	
1751	KMID 2 TX		WPBY 33 WV 498		KWSE 4 ND 811	
21 tr	W46AR 46 WI 100		WPBO 42 OH 462		KIDK 3 ID	
	(Milwaukee LPTV)		WCET 48 OH 400		KTVxt 4 UT	
	(Weigel Bcstg. Co. ID)		+ many others,		KXLYt 4 WA	
2032	WCET 48 OH 400		all snow free		KTWOT 2 WY	
2105	WUCX 35 MI rare		unids chs 2-6 nw		KCNC 4 CO	
23 Es 1912	KATC 3 LA	Es 2255	CKBI3 4 SK		KWSE 4 ND 811	
	unids chs 2, 4		("W5" ID)		KIDK 3 ID	

Note # 1 - 07/01 @ 0440 - ID in Morse code twice in succession at 0452 but audio way down.

W22AJ runs 24 hours a day with 3/4 color bars. This has been going on since June 3 when I first saw them; no programs. W46AR runs an ID slide which amounts to 3/4 color bars with call, location, and "Weigel Broadcasting." They aren't on 24 hours a day. I haven't figured out the schedule yet. No programs on them either. W24AI is 24 hours a day with TBN satellite programming.

Also, note that WPNE-38 is on channel 54 in Iron Mountain, Michigan. They were dropped about a year or so ago when they used to be on channel 69 (I think) in favor of WNMU-13. Then they had a channel "shake up" and WPNE was left out. Now they are back on channel 54 there.

Jeff Kruska, 5855 Walnut Creek Rd, Apt. A-105, River Ridge LA 70123

COT

Equipment:

Sylvania 12" black and white, quad loops cut for channels 2-6.

June 1989

10 Es 1400	unids chs 2, 3	18 Es 1230	KSNC 2 KS 735	23 Es 2100	WFRV 5 WI 990
	Spanish	1259	KQAA 5 CO 990	2102	WISC 3 WI 890
12 Es 2020	unid ch 2 NBC		(MUF 107.9+ MHz)	24 Es 1359	KACY 2 TX 755
	unid ch 3 CBS	1358	unid ch 3 CBS	28 Es 1945	unids chs 2, 3
15 Es 1915	unid ch 3 ABC		unid ch 5 ABC	30 Es 2029	KENW 3 NM 820
17 Es 1858	unid ch 5 XEW	20 Es 2120	unids chs 2, 3		
18 Es 1159	KHAS 5 NE 850	23 Es 1958	WBRAY 2 WI 990	June 1989	(Vail CO DX - MDT)
			WISCT 3 WI	1 Es 2129	unids 2 NBC, CBS

Jeff Kruska (continued)

As you can see, my DX report has dropped in size considerably. DX is going to be a lot more challenging here than I thought. For one thing, I underestimated the strength of WBRZ-2 here in New Orleans. It's in with a moderate signal strength daily, but it's very difficult to override the video (with just my quad loops) when E skip comes in. The audio of an E skip station will sometimes come in very clearly, as it did on the 10th, when a Mexican (?) could be heard on channel 2 - can you explain? I will probably be spending more time FM DX'ing this year, when it's in.

I brought my "DX machine" (the portable black & white) along when I drove from Richland to New Orleans. It was a fairly interesting drive until I got to Texas - from there, it was as if the landscape never changed from one mile to the next. I stopped at Burley, Idaho; Vail, Colorado; Vernon, Texas; and Orange, Texas and checked out the DX each night, but only saw E skip in Vail. Speaking of Colorado, the "I-70 corridor" (as they call it) from Grand Junction to Denver is really beautiful - especially around the Glenwood Springs area.

Best of Es, Jeff

Dave Sinclair, 6565 Brooks Street, Vancouver BC V5S 3J6

PDT

Equipment:

Archer antennas: 15-8227 (VU 210 U.S.) on Channel Master Crown rotor 5 feet above roof. UHF model U-120 10 feet above roof. Archer amplifier model 15-1113, adj. 10-20 dB. Both mounted on separate chimneys (straps). Electrohome VCR VHS, Sony colour TV model KV1215, Philips converter model CT3600 which has separate inputs for cable, VHF and UHF, stereo.

(See Dave's comments about his equipment following his report. fm)

May 1989		18 Es 1900	unid ch 3 CBS	19 Es 2030	KVBC 3 NV 996
22 Es 1100	KCRA 3 CA 757	1903	unid channel 5	2031	unid ch 3 CBS
28 tr 0630	KATU 2 OR 252		(Over KING-5)	2100	KRON 4 CA 789
		1904	KLBY 4 KS 1269	20 tr 0630	KATU 2 OR 252
June 1989			(Over KOMO-4)	28 tr 0219	KATU 2 OR 252
18 Es 1100	KCRA 3 CA 757	19 Es 2000	KTVK 3 AZ 1231	Es 0234	KTVU 2 CA 789

Channel 2 received after CBUT-2 Vancouver signed off. Channel 3 received over CBUT-2 rebroadcaster at Chilliwack, British Columbia, 56 miles east, 590 Watts erp.

(Regarding the Archer 15-8227 antenna) - This new all channel antenna when split between VHF and UHF has noticeable signal loss on distant fringe (Seattle-Tacoma) stations. The signal loss is equally noticeable when compared with all of Radio Shack's splitters. The signal strength on fringe stations is noticeably better when the 75 ohm wire is connected directly to the VHF or UHF terminal. I have written to Radio Shack to enquire why there is so much loss. Possibly other brands of signal splitters are considerably better than Archer. If anyone has had a similar problem and been able to correct it or has had experience with other brands of splitters and/or compared different brands of all-channel antennas I would be interested in hearing from you.

(Regarding the converters - The Electrohome converter has noticeably better adjacent channel rejection of local VHF over adjacent distant VHF than the Philips converter.

(Dave, I assume you are working with VHF-UHF separators. I try to use the designation splitter for a non-frequency selective device. If by chance you are using a standard signal splitter, I suggest you try a VHF-UHF separator (sometimes called a band splitter) as a two way signal splitter will exhibit a minimum of 3 dB signal attenuation. I would think a good VHF-UHF separator would exhibit no more than .5 dB attenuation at VHF and no more than 1 dB at UHF. Perhaps, I don't understand your application? fm)

Randy Miltier, 1068 Fairview Avenue, San Jose CA 95125 (N6HMO)

PDT

Equipment:

19" Zenith, Channel Master 1160 VHF/UHF antenna and Channel Master rotor. Fisher VCR.

June has started out very shaky. I was really concerned the first part of the month about TV-DX for 1989. But, on June 20th a very nice opening occurred...finally!

Randy Miltier (continued)

This opening was followed by two more on June 24 and 26. New to this season are KACV-2 and KSWK-3. I think these two are going to be regular pests here.

I finally pulled a new station out over local KPIX-5 and it was just plain luck. I use a small 12" Zenith with a simple dipole antenna laying on the floor to monitor the local channel - I happened to look at it when I saw KOAA-TV appear on the screen, - the big set was totally scrambled.

I have two mystery stations for June. Number 1 was a Spanish speaking station on channel 6 that ID'd with a 7 and Imevision and had a commercial that mentioned San Angel (San Angelo, TX...KIDY??). Number two was on channel 4 - "STV News Update" appeared on screen. John Jefferson was receiving Canada about the same time this appeared...ideas?

June 1989

1 Es 2133	unids chs 2-4	19 Es 2059	KIDkt 3 ID	24 Es 0905	KAMR 4 TX 1125
2 Es 0830	KSNW 3 KS 1335	20 Es 1254	XHQ 3 SI	0906	KENW 3 TX 1060
0840	unid ch 3 PBS	1322	unid 2 Spanish	1000	KACV 2 TX 1125
1056	KACVt 2 TX	1405	unid 4 Spanish	1026	KVIO 6 NM 1048
1100	KNMZ 2 NM 861	1430	KDBC 4 TX 957	1038	unid ch 5 PBS
1359	KENW 3 NM 1060	1435	unid 2 Spanish	1100	KOAA 5 CO 917
1430	KACV 2 TX 1125	1442	KVIOt 6 NM	1118	KWGN 4 CO 917
6 Es 2032	XEPMt 2 CH XEW	1443	KENW 3 NM 1060	1128	KACV 2 TX 1125
2035	unid ch 4 CBS	1453	unid ch 5 PBS	1129	KNMZ 2 NM 1060
2037	unid ch 3 NBC	1500	KUAT 6 AZ 719	1142	unid 2 Spanish
2044	unid 2 Spanish	1531	KNMZ 2 NM 861	1200	KSNC 2 KS 1263
2105	unid 3 Spanish	1600	KREGt 3 CO	1228	KSWK 3 KS 1125
14 Es 0728	unid channel 3	1625	KTWO 2 WY 905	26 Es 1601	unid channel 3
0730	unid ch 3 PBS	1640	unid channel 4	2000	XEPMt 2 CH
0829	unid ch 2 PBS	1656	KOTA 3 SD 1082	2010	unid channel 4
0900	KSNWt 3 KS	1800	KTVS 3 CO 1039	2015	KSNC 2 KS 1263
0953	unid channel 2	1833	KENW 3 NM 1060	2025	XHQ 3 SI
15 Es 1811	unids chs 2-6	1834	KUATt 6 AZ	2026	KSNW 3 KS 1335
16 Es 0840	unid channel 2	1841	KVIO 6 NM 1048	2028	KSWK 3 KS 1125
0900	XEPMt 2 CH XEW	1922	unid ch 6 NBC	2040	unid channel 6
0912	KBSD 6 KS 1182	2002	unid ch 2 CBS	2042	unid channel 5
0930	unid channel 5	2028	unid channel 4	2043	unid channel 4
0950	KLBY 4 KS 1122	2056	KENW 3 NM 1060	2129	KSWK 3 KS 1125
0959	KSWK 3 KS 1125	2100	unid ch 3 NBC	2130	KBSD 6 KS 1182
19 Es 1956	KLNE 3 NE 1225	2229	KNOP 2 NE 1163	2155	KENW 3 NM 1060
2005	KSNW 3 KS 1335	2234	unid ch 3 CBS	2227	KACB 3 TX 1283
2016	KMIDt 2 TX	21 Es 1820	KSWKt 3 KS	27 Es 2100	unid chs 2, 3
		1926	unid channel 2	30 Es 2235	unid channel 2
				2247	unid channel 3

(With regard to your "STV" on channel 4 - this has been reported in the past as CFSK-TV in Saskatoon. fm)

John Jefferson, 4104 Spyglass Ct., Antioch CA 94509

PDT

Equipment:

JVC AH-7200U VCR as tuner (with Hitachi CT-932 as monitor) fed by a Channel Master UHF Quantum 4257 @ 35' and a Channel Master VHF/FM Quantum 1110 @ 32' on the same mast. Separate downleads with a Channel Master booster on the UHF. Bohsei black and white fed by a Radio Shack V185 in the garage @ 7' and aimed east southeast.

Mixed reviews for June. Lots of openings, but not many good ones. To date the best opening was back on May 18. And mixed feelings about the new QTH as well. No question that channel 2 is more open than before - I'm getting some stable E skip pictures, where in Pleasanton I'd usually have a losing battle with KTVU - but KCRA-3 and KVIE-6 (under 15 miles from here) close off the northeast and north on the lowband. I think I'll have to start using traps to abate the nuisance - an interesting thing for a KVIE subscriber to consider! Also, there's intermittent interference on channel 5 - as though KVIE weren't enough!

As always, new would be underlined if there were any; * means new to Antioch.

May 1989

18 Es 1709	*XHI 2 SI 1040	20 Es 1500	*KSNC 2 KS 1225	21 Es 2156	*CFAC 2 AB 1005
1730	*XHBS 4 SI 1160	1529	*KLBY 4 KS 1125	31 Es 2014	*KTVY 4 OK 1355
		2020	KSNC 2 KS 1225	2024	*KAMR 4 TX 1115

Western TV-DX

August 1989

John Jefferson (continued)

May 1989

31 Es 2030	KACV 2 TX 1115
2132	XEPMt 2 CH XEW

June 1989

6 Es 2033	KMID 2 TX 1175
2156	*XEPMt 2 CH 970

12 Es 2000	XEPMt 2 CH XEW	21 Es 1756	unid ch 3 Texas?
17 Es 1847	*KNMZ 2 NM 890		(TX weather map)
18 Es 0946	KNMZ 2 NM 890	24 Es 0929	KMID 2 TX 1175
1230	KACV 2 TX 1115	1159	KACV 2 TX 1115
1305	*KJRH 2 OK 1425	25 Es 1029	XEPMt 2 CH 970
1403	KSNC 2 KS 1225	26 Es 1945	KDBct 4 TX
20 Es 1755	*KDBC 4 TX 970	27 Es 2001	KXMat 2 ND
2231	*KWGN 2 CO 905	2200	KNMZ 2 NM 890
21 Es 0100	KNMZ 2 NM 890	2331	unid ch 2 n NBC

The last is puzzling. The only NBC station I show in that direction is KOTI, Klamath Falls, at 300+ miles. Too close for skip and the signal was too strong for tropo from there. With the antenna oftuned to the northwest to avoid KCRA I had a readable picture! Has someone in Washington switched to NBC?

Here's the MUF breakdown:

DATE	MUF	TIME	DATE	MUF	TIME	DATE	MUF	TIME	DATE	MUF	TIME
05/13	4	0853	05/26	3	1947	06/06	89.7	2005	06/19	5	2016
05/14	2	1810	05/27	99.5	0949	06/08	4	2120	06/20	107.5	1837
05/15	2	0744	05/29	90.3	2012	06/09	4	0729	06/21	5	0043
05/16	2	1127	05/30	4	2159	06/11	2	1044	06/22	2	2226
05/18	107.9	1853	05/31	4	2021	06/12	5	1956	06/24	107.9	1027
05/19	2	0818	06/01	93.9	2139	06/14	4	0702	06/25	2	1024
05/20	5	1512	06/02	4	0655	06/15	90.5	1806	06/26	98.7	2005
05/21	95.9	2334	06/03	2	1958	06/16	4	0818	06/27	97.9	2022
05/24	100.7	2249	06/04	2	1051	06/17	5	1614	06/28	2	2131
05/25	4	0711	06/05	2	0845	06/18	4	1000	06/29	4	1812

Guess that's it for now. Hope everyone had an exciting July. That month owed us one after last year!

(John, with regard to your report of NBC on channel 2 at 2331 MDT on June 27 - I am wondering if that may have been CFAC. My June 29 logging of CFAC at 2349 MDT had the Johnny Carson Show with Jay Leno as guest host. Is that the programming you noted? fm)

Fred McCormack, 135 Prairiewood Drive, Fargo ND 58103

CDT

June 1989

12 Es 2316	unid ch 2 CBS	30 Es 2100	KIII 3 TX 1328	4 Es 1730	KTBS 3 LA 990
2359	WBRZ 2 LA 1185		KDIN 2 TX 985	(MUF 95.9 @ 1748- MS)	
13 Es 2058	WLBT 3 MS 1070	2129	unid ch 2 Mexico	1800	KALB 5 LA 1115
(MUF 93.1 @ 2115- LA)		2159	WPSX 3 PA 990	(MUF 107.9 @ 1825- AR)	
2118	unid ch 5 NBC	2200	WFMY 2 NC 1150	1830	KFSM 5 AR 795
2221	KFDX 3 TX 900	2208	unid ch 2 French	(MUF 107.9 @ 1855- MS)	
16 Es 0957	unid ch 2 Mexico	2217	unid ch 4 French	1922	WKRG 5 AL 1215
24 tr 0610	K31BT 31 MN 125		over KXJB-4	(MUF 91.5 @ 1945- AL)	
(Appleton KVRR-15)		2225	CHAU 5 PQ 1425	5 Es 2007	CKVrt 3 ON
0807	K33CT 33 MN 175		(MUF 92.5-2313)	(MUF 95.5 @ 2042- NY)	
(Olivina KITN-29)		2356	CFCL# 2 ON 805	2133	WNEM 5 MI 670
0815	K31CG 31 MN 175	2358	unid ch 3 French	2159	WDTV 5 WV 985
(Olivina KTMA-23)				2210	WBTB 3 NC 1140
0844	WLAXt 25(MN)	July 1989		7 tr 0758	WQRF 39 IL 490
WGOWt 18 WI ABC		1 Es 1345	hvy CCI o/KXJB-4	0759	KLJB 18(IL) 500
WHWCt 28 WI		1353	CFCL# 2 ON 805	0808	KOCR 28 IA 425
26 Es 2024	KNAZt 2 AZ	2132	KPRC 2 TX 1195	0816	WIFRt 23 IL
2127	KUTVt 2 UT	2 Es 0044	KMIDt 2 TX	0829	unid channel 19
(MUF 92.5 @ 2149- OR)		3 tr 0819	K26CS 26 MN 225	0831	WTVPt 47 IL
27 Es 2029	WBRZ 2 LA 1185	(St. James LPTV)		0836	KCCI 8 IA 385
28 Es 0107	KTVKt 3 AZ	(Travel Channel)		0846	K41ADt 41 IA
29 Es 1031	WTKR 3 VA	0842	K38CD 38 MN 225	0849	WQAD 8 IL 500
(Halstad MN logging)		(St. James LPTV)		0853	WMBDt 31 IL
0123	unids chs 2, 3 w	(RFD-TV)		0844	KDUB 40(WI) 425
0142	CBKFT2 3 SK 590	0845	K40BU 40 MN 225	0858	KJMH 26 IA 505
0143	CKSAT 2 AB	(St. James LPTV)		Es 0930	unid channel 2
0149	CFAC 2 AB 840	(Family Channel)		1000	KDIN 2 TX 985
Es 1749	unid ch 2 Mexico	Es (MUF 92.5 @ 2055- TX)		tr 1156	KDSM 17 IA 385
1824	unid ch 2 PBS	2059	KPRC 2 TX 1195	Es 1329	WRBL 3 GA 1190
2029	KBTX 3 TX 1120	2100	KBTX 3 TX 1120	(MUF 88.1 @ 1429- SC)	
		4 tr 0758	KTIN 21 IA 305	1459	WRAL 5 NC 1215

EASTERN TV-DX

EDITOR: John F. Combs, 1308 Willow Branch #24, Jacksonville FL 32205

Reports from TV-DXers in the states of AL, CT, DC, DE, FL, GA, IN, KY, MA, MD, ME, MI, NC, NH, NJ, NY, OH, PA, RI, SC, TN, VA, VT & WV, the provinces of NB, NF, NS, ON, PEI & PQ, and all of the Caribbean.

AUGUST 1989 Next Deadline: September 1st
E-skip levels in May and June were far below our hopes and expectations. The only really decent openings seem to have taken place May 14, May 30 and June 18. There was also an unusual wee-hours opening on June 11, lasting until at least 0300 EDT with an MUF of at least 88 MHz. Matt Sittel, as usual, saw far more at his Kingsport TN home QTH than any of the rest of us. He points out that many of the openings he saw were late-morning openings, and those of us with work/school/family obligations in that time period may view the season as worse than it really is.

The usual dismal summertime tropo levels prevailed... unless you were in one of those legendary DX spots like the Outer Banks of North Carolina. Former WTPDAER Jim Alexander vacationed there in June, and phoned to report great coastal tropo, culminating in his logging most of the Miami area U's on the evening of 6-15. This is a distance of around 750-800 miles. Hopefully, we'll have a full report on this tropo in next month's column. Also, Roy Barstow checks in from his Cape Cod shack with details of another great Maritimes tropo opening, and Roy calls this one "a humdinger" and the "best ever."

Bob Timmerman, 1210 Desoto Ct., Auburn IN 46706

APRIL 1989	MAY 1989	JUNE 1989
24 Tr 0104 W48AP Toledo OH	30 Es 2040 WPMY-2 NC 472	4 Tr 0900 WDEM-10 IL 342
"Hometown TV" (LPTV)	2041 WRAL-5 NC 527	8 Es 1230 KTHO-2 WY 1093
	2100 WUNC-4 NC 496	1230 KOTA-3 SD 940
MAY 1989	2228 KWGN-2 CO 1063	10 Es 0115 CKND-2 MB 949
14 Es 1930 KAMR-3 TX 998	2246 KNOP-2 NE 813	11 Es 0230 CJBRT-2 PQ 927
2000 KACV-2 TX 998	2306 KTHO-2 WY 1093	0230 CBGAT14-2 ¹ NS
2200 KTXI-5 TX 1065	31 Es 2031 KFDX-3 TX 899	0238 CJCBI-6 ² NS
2300 KMDI-2 TX 1145	2131 WGBH-2 MA 714	13 Es 1200 WPBT-2 TX 1099
2314 KWGN-2 CO 1063	2202 WCBS-2 NY 577	2212 KMDI-2 TX 1145
29 Tr 0015 WKOW-27 WI 255		14 Es 1128 WESH-2 FL 883
30 Es 2030 WWAY-3 NC 624	JUNE 1989	1129 WJXT-4 FL 790
	4 Tr 0754 WQAD-8 IL 276	1130 WEDU-3 FL 972
		1130 WPBT-2 FL 1099

¹ The last time I received a CBGAT station, the color bars read "CBGAT MATANE." This one did not have "MATANE." CBGAT22 (Since both CBGAT14 and CBGAT22 repeat CBGAT-6 Matane, they should run the same TP. The only way to tell which one you're seeing is through offset: CBGAT14 is + ---jfc) ² The color bars clearly read "CJCBI SYDNEY," so it must be CJCBI-6, only 9.4 km away from the data base. A rare late night opening! I have rarely seen wee-hours skip rise much above ch. 2 or 3. The unusually high MUF for the hour, combined with the low power of the xmtr, make this a rare logging indeed! ---jfc)

I'm recovering from a wrist-fusion operation, so I have had plenty of time to DX. There have been many skip openings, but several have been obscured by groundwave interference.

Charles Gauthier, 3260 Beaulieu, Brossard PQ J4Z 2P7

MAY 1989	JUNE 1989
27 Tr 0012 WXXI-21 NY 261	11 Es 0148 CBWT-4 MB 1170
0012 WUHF-31 NY 261	0221 KDLH-3 MN 921
31 Es 2304 WTVY-4 (FL)1227	0239 WCCO-4 MN 983
2310 WJXT-4 FL 1166	0300 WBAY-2 WI 727
2312 WSAV-3 GA 1014	12 Es 1803 CJCIN-4 NF 930
	1805 CJPAP-3 NF 950
JUNE 1989	19 Es 2323 WTVY-4 (FL)1227
11 Es 0144 CKYB-4 MB 1305	

I've seen better months of June! That overnight skip opening on the 11th was a nice surprise, though! I wish it would happen more often. (So do I, Charles. There are many weeks when that's the only time I'm home, hi---jfc) 73's and super DX! Charles.

Jeff Falconer, Box 63, Clinton ON N0M 1L0

MAY 1989	JUNE 1989
22 Es 1159 WBRZ-2 LA 1060	31 Es 1958 unID-3 NBC "KY3" 525
30 Es 1757 KARK-4 AR 845	(It's KYTV-3---jfc)
1800 KTBS-3 LA 1009	1959 KOET-3 OK 938
1924 KJRH-2 OK 914	Tr 2243 WTLW-44 OH 240
2058 KETS-2 AR 851	JUNE 1989
2100 WNL-4 LA 1055	3 Tr 0004 WUHQ-41 MI 213
31 Tr 1826 WNDU-16 IN 277	0030 W67AL OH
1827 WXXI-17 MI 214	0100 W64AK OH
	Tr 2300 WPSX-3 ⁴ PA 231
	13 Es 2149 unIDs 2-5
	2330 WPBT-2 FL 1216
	16 Es 1558 unIDs-2

1 Faded up for 15 seconds: fund-raising w/phone # and calls on screen. No Es noted at the time, so probably Ms. (Or a momentary "spike" in the Es MUF---jfc)
2 PBS station with several mentions of PA. Had promo for some event in State College. (That's them---jfc)

Some nice Es has been seen already. WGBH is new state and first TV Ms reception. 73, Jeff.

EASTERN TV-DX

Matt Sittel, 220 Brookfield Drive, Kingsport, TN 37663

AUGUST 1989

MAY 1989

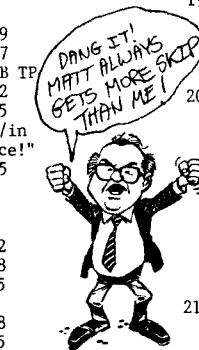
27 Es	1401 unIDs-2,4
28 Es	1740 unID-3
30 Es	2143 WDIV-4 MI 418
	2059-2200 8 unIDs, incl.
	MCTV on 3, R-C on 3
31 Es	1133 unIDs-2,3,4,6 NBC
	1158 KMOL-4 TX 1037
	1159 KBTX-3 TX 877
	1959 KMTV-3 NE 800
	2027 KDUH-4 NE 1172
	2033 unIDs-2 NBC,3 ABC,6 ABC
	CCI noted on 5 behind WCYB
	2058 KSNB-4 NE 872
	2059 KLANE-3 NE 955
	2131 KTVS-3 CO 1142
	2234 unIDs-2 NBC,3&4 PBS,3 CBC
	2331 unIDs-2&3 // FF
	2341 CFCM-4 PQ 916

JUNE 1989

2 Es	2158 unID-3 CBS
	2300 KIII-3 TX 1069
	2300 KMOL-4 TX 1037
6 Es	1558 unID-3 w/ 3/4 CB TP
	1600 WESH-2 FL 522
	1600 WPBT-2 FL 735
	"as WESH f/out, WPBT f/in right on the hour-notice!"
	1604 unIDs-4, CCI on 5
7 Es	2201 unID-2 SS
	2206 unID-3 NBC
8 Es	1120 unIDs-2,3,4
	1129 CKRN-4 PQ 822
	1159 KDLH-3 MN 868
	1159 CBWT-2-4 MB 1165
	1225 unID-6
	1228 CHFD-4 ON 898
	1259 KXJB-4 ND 1065
	1259 CBWFT-3 MB 1187
11 tr	0207 WAGA-5 GA 211
Es	1818 unID-3
12 Es	1221 KIII-3 TX 1069
	1229 KMOL-4 TX 1037
	1329 KACB-3 TX 1077
	2059 unIDs-2 ABC,2 SS,4
	2104 unID-3 NBC
13 Es	1258 KGBT-4 TX 1146
14 Es	1105 unIDs-2 NBC,2 ABC,3 CBS,3 ABC,3 PBS,4 CBS
	1158 KFDX-3 TX 922
	1159 KPRC-2 TX 888
	1204 KIII-3 TX 1069
	1205 unIDs-3,3 NBC,4 NBC,4 CBS
	1235 unID-2
	1239 KAMR-4 TX 1083
	1928 TV6-3 Cuba
	1956 unIDs-2,3,3,4,6
	1959 WEDU-3 FL 593
	2029 WPBT-2 FL 735
	2358 KATC-3 LA 721

JUNE 1989

16 Es	0004 KIII-3 TX 1069
	0005 unIDs-2 PBS,2,4 CBS
	0014 KPRC-2 TX 888
	0030 unID-3 NBC,4
	0034 unID-3 CBS
	1059 WEDU-3 FL 593
	1059 unIDs-2,4 // w/ 3/4 CB TP
	1159 WNL-4 LA 627
	1249 unID-2,6 NBC
	1259 KBTX-3 TX 877
17 Es	1400 unID-2 Dom. Rep.
18 Es	1104 KRIS-6 TX 1065
	(had 3/4 CB TP on w/calls!)
	1200 KIII-3 TX 1069
	1235 KGBT-4 TX 1146
	1258 XHRIO-2 TA 1145
	1429 unIDs-2,3 CBS,3 w/TP,4 NBC
	1445 KFDX-3 TX 922
19 Es	1129 WLBZ-2 ME 920
	1130 unID-4
	1159 CSHT-3 NS 1133
	1216 unID-2
	1216 WFSB-3 CT 634
20 Es	1329 KOET-3 OK 724
	1329 KFDX-3 TX 922
	1359 KPRC-2 TX 888
	1459 KSWK-3 KS 1039
	1530 KTVY-4 OK 839
	1559 KBY-4 KS 1044
	1602 unID-3 FF
	1629 KSNB-2 KS 901
	1629 KCNC-4 CO 1252
	1659 KLANE-3 NE 955
	1659 unID-3
21 Es	1059 WPBT-2 FL 735
	1100 unIDs-3,4 w/TPs
	3/4 CB on 3,4 same w/music
	unID-6 w/ 3/4 CB TP
22 Es	2002 unID-2
23 Es	1229 KIII-3 TX 1069
	1959 KLANE-3 NE 955
	1959 KSNB-4 NE 872
	1959 KACV-2 TX 1116
	1959 unID-2 NBC
	2029 KLBV-4 KS 1044
	2058 KENW-3 NM 1210
	2059 KOET-3 OK 724
	2059 KAUZ-6 TX 921
	2138 KDFW-4 TX 864
	2156 KACB-3 TX 1077
	2211 unID-5 NBC behind WCYB
24 Es	1259 XHRIO-2 TA 1145
	1259 KIII-3 TX 1069
	1359 KOET-3 OK 724
	1429 KACV-2 TX 1116
	1429 unID-2 NBC
	1455 unID-3 NBC
	1459 KSWK-3 KS 1039
25 Es	1330 unIDs-2,3 CBS
	1359 CFCM-4 PQ 916
	2000 unID-2 NBC



Hope things are skipping for everyone by now. Conditions fairly consistent through June so far. 15 consecutive days of Es, 6/11-25. Not many big openings, but almost daily DX. I've logged 7 new ones this season; only 6 new logged in 1988. Another PBS-3 in the midst! Now, while you try to distinguish among KENW, KOET, KLANE and KBME, you can add KSWK to it! It is in Lakeland KS and IDs with KODD-9 Hays. Lots of short skip noted, especially on 5/30 with WDIV-4 in for quite awhile. WSJK-2 s/on early every day--good for other DXers trying to catch it, bad for me trying to work around it! I'll be back in Raleigh for school after 8-19, so use POB 21441, Raleigh NC 27607 after that date. Great DX to all, 73's, Matt.

MAY 1989				MAY 1989			
19 Tr	2200	WMDT-47	MD 345	20 Tr	0222	CBHT-3	NS 408
2200	WCPB-28	MD 345		0224	CBHFT6-58	NS 324	
2200	WBOC-16 (DE)	341		0312	CJCH1-10	NS 398	
2230	WTWZ-33	VA 457		0314	CBHFT-13	NS 408	
2230	WYAH-27	VA 455		0315	CBAPT-11	NS 423	
2230	WHRO-15	VA 457		0320	CBHFT1-3	NS 279	
20 Tr	0105	WHSW-24	MD 361	0347	CBHFT2-7	NS 535	
0110	WWAC-53	NJ 250		0405	CJCB2-9	NS 498	
0112	CBHFT5-46	NS 377		0700	CKLT-9	NS 345	
0117	W148G	DE 330		0701	CBHT6-8	NS 377	
	Newark (WGC8-49)			0705	CBHT3-11	NS 279	
0127	CBHT7-52	NS 324		0709	CBHT18-24	NS 315	
0145	CBAPT5-31	PEI 481		2100	WTWZ-33	VA 457	
0148	CBHT11-12	NS 535		2100	WYAH-27	VA 455	
0150	CIHF-8	NS 408		2100	WHRO-15	VA 457	
	Halifax (3/4 cb)			2130	WUNM-19	NC 577	
0150	CIHF2-11	NS		2230	WMDT-47	MD 345	
0200	CJCB-4	? NS T		2230	WBOC-16	DE 341	
0209	WCTI-12	NC 577		2230	W41AC	VA 380	
0209	CIHF2-12	NS			Onancock (WAVY-10)		
0214	CBHFT8-34	NS 315		2254	WKFT-40	? NC T	
0215	CIHF2-27	NS			ACTS network ¹		
0220	CJCH-5	NS 408		21 Tr	0105	CBHT2-7	NS 308
	under Boston				under Boston		
0220	CJCH6-6	NS 336		0150	WO8-- (shopping) ²		
0221	CKCW-2	NB 412		22 Tr	----	MD 28, 47; (DE)16;	
	listing all outlets				VA 15, 33, 27; MD 22		

¹ I think this is the new W40AH in the Norfolk area--see Jeff Wolf's report. I don't believe ACTS has any full-power affiliates---jfc]

² I may have finally solved this one with the help of the FCC microfiche I recently acquired. Roy. There is a W08CH licensed to Hyannis MA which has an ERP of 100 watts. The coordinates plot near the town of Dennis, about 25 air miles from your QTH on a heading of about 60°. It is owned by "Harvard Broadcasting" (assume not the university, hi!), but as to whether or not they have home shopping, I can't say. The heading fits the N.E. direction you have reported in the past, and a 100 watt hi-band at 25 miles might not be viewable until full-power semi-locals are off late at night. If you ever get up towards where W08CH is, you might cart along a portable TV to check---jfc]

A humdinger opening to the Maritimes. Best ever with 25 stations seen. First noted with CBHFT5-46 off back of antenna. New CIHF-8 Halifax NS plus outlets on 11, 12, and 27 seen. All 3/4 cb with "MITV" lower right in script. "MITV" hard to make out: 3 lines per letter and all letters rounded and joined. More info sent to Bill Fahber. I called up CIHF-8; they said they would send back info on their stations.

Had to go up on the roof to "Arm-strong" the antenna around 0300 and 0500. A little tired, almost fell off the roof once. What we nuts will put up with, hi! (You'd better get a new rotor before we have to run your obituary instead of your report!---jfc) The rains have stopped, so hopefully some NC/SC DX next time around. Roy.

Jeff Wolf, 1131 University Blvd. W. #701, Silver Spring MD 20902

MAY 1989				JUNE 1989			
30 Tr	0607	WJKA-26	? NC T	2 Tr	0114	WJKA-26	NC 344
0623	WHMC-23	? SC T		Es	1958-2157	unIDs-2	
0623	WYED-17	NC 248		Tr	2012	NC 16, 22, 28, 40	
0623	WPTF-28	NC 248		2139	SC 13, 15	? T	
0640	WTWS-26	CT 300		2353	NC 17, 25, 47		
0643	WVIT-30	CT 283		3 Tr	0115	W2TAJ, W25AA	? T
Es	1925	KNOP-2	NE 1234		0830	NC 17, 28, 40	
2050	unID-6				1002	WPCQ-36	? NC T
2058	KUSD-2	SD 1050		4 Tr	0711	WITN-7	NC 257
2100	KGAN-2	IA 750		5 Tr	0712	WYED-17	NC 248
2200	KYTV-3	MO 853		Es	0726	KPRC-2	TX 1235
2300	KQTV-2	MO			0744	WBRZ-2	? LA T
31 Es	0200	unID-2			0745	unID-3 ABC	
Tr	0618	WVIT-30	CT 283	6 Es	1930	unID-2	
0618	WTIC-61	CT 283		14 Tr	0715-0739	NC 17, 28, 248	
0702	WLW-21	NY 218			0800	W40AH VA (ACTS)	
Es	0720	unID-2 ⁺ SS ⁺			Chesapeake-Virginia Bch.		
Tr	0736	CT 24, 49	? T	15 Tr	0137	WYED-17	NC 248
0743	WLIG-55	NY 253			0630	WTGS-28	? SC T
0750	W35AB	? PA T		Es	1823	unID-2	? T
Es	1841	KQTV-2	MO	16 Es	1800	WPBT-2	FL 900
2342	unID-2 CBS				1802	MUF channel 4	
JUNE 1989					1836	-3 Cuba T	
1 Es	0014-0101	unID-2 zero		17 Es	1430+	unID-2 (as 5/31)	
Tr	0220	WRDG-16	NC 251		1634	-2 Cuba T	
0750	WCTI-12	NC 269			1920	f/out	
Es	2205+	unIDs-2		18 Tr	0555+	NC 16, 17, 28, 40	
Tr	2320	NC 17, 28, 40			0759	WJPM-33	SC 358
2 Tr	0002	WLFL-22	NC 248		0825	SC 13, NC 47	? T
0055	W4TAG	NC 218			0844	WPDE-15	SC 349

1 Spanish date, digital clock at bottom. (Assume you refer to a European-style date: 89/05/31. Could well be Cuba as they've been noted doing new things (like 3/4 cb)---jfc]

JUNE 1989				JUNE 1989			
1230	KUSD-2	SD 896		8 Es	1200	KLNE-3	NE 1005
2331	KWGN-2	CO 1312			1229	KNOP-2	NE 1059
1200	WESH-2	FL 908			1230	KSNC-2	KS 1009
					1301	KMTV-3	NE 817
					1330	KUSD-2	SD 896
					1759	CBHT-3	NS 846

One of the worst years I've had on account of cold/rain.

11 Niensladly, 98 Highland Ave., Clifton NJ 07011

MAY 1989				JUNE 1989			
Tr	0308	WMGM-40	NJ 145	30 Es	1810	unID-2 floater	
0359	WWLP-56	PA 100			2035	Heavy CCI 2-6, FM	
0400	WPHL-17	PA 83				super, MUF briefly	
0408	WSBK-38	MA 200				to 107.9 mHz	
0422	WWLP-22	MA 130			2058	KEMV-6	AR 1018
0425	WBOC-16 (DE)	200					
30 Tr	0613	WFTY-50	DC 210	JUNE 1989			
0623	WRLH-35	VA 295		2 Tr	0650	WETA-26 (MD)	210
				4 Tr	0253	WSBK-38	MA 200

EQUIPMENT: Hitachi color TV, Sony mega-Watchman, U-120, 4-bay, 20db amp, homemade wire antenna for ch. 3. All ch. 6 logged via 87.7 mHz audio.

May 30th brought massive Es--excellent on FM! First half of June amazingly poor for DX, with rain almost every day and nearly non-existent E-skip. WTVJ-4 first-time ever positive ID via "floater" over WNBC-4. Ch. 3 had 1/2 hour of PBS strong; ch. 2 "floater" also PBS. Let's hope it really picks up! GoodDXing, Bill.

Morris Sorenson, Box 422, Port Carling ON P0B 1J0

EQUIPMENT: RCA CJR120W B&W portable (1983) Archer ColorSupreme V indoor amplified antenna

With the exception of a major opening on May 30, during which I concentrated on FM, skip has not been too plentiful here so far this season, and tropo almost non-existent.

JUNE 1989

12 Es 1828 CJCN-4 NF
1900 MUF to 90.1

KTBS3
SIREYPORT

Wpbt2
IN SOUTH FLORIDA

Charles Burnham (K2GLP), WABC-TV, 7 Lincoln Square, New York NY 10023

MAY 1989				MAY 1989			
From MASSAPEQUA NY:				From SOUTHOLD NY:			
5 Es	1930	WRBL-3	GA 850	13 Tr	2000	WBOC-16 (DE)	245
					2000-2400	PA, MD, MA	in
					2000	KATC-3	LA 1287

Not much to report, very little Es in the past few months. We had one good opening but as usual I was late getting home and missed most of the action. We have had some tropo along the East Coast, but nothing spectacular. 73's, Charlie.

Tom Bryant, 849 Todd Preis Dr., Nashville TN 37214

MAY 1989				MAY 1989			
14 Es	2039	KOTA-3	SD 1024	14 Es	2216	KAMR-4	? TX T
	2131	KPRY-4	? SD T		2217	KNOP-2	? NE T
	2158	KLNE-3	NE 743	15 Ms?	0201	KSNC-2	? KS T
	2200	KTVS-3	CO 1138		0213	KUSD-2	? SD 754

Tentative listings seen through locals 2 & 4...not enough info to confirm. Tentative KSNC-2 on 5-15 had Gene Scott, but no ID...I know they run him. Also both this and KUSD-2 looked more like Ms than anything, but might have been a lingering effect of the earlier Es opening. Good DX-ing! 73's, Tom.

---Yet another shameless ad



OUR ESTEEMED PANEL OF EXPERTS
GAVE DX DISTANCE PRINTOUTS
A PERFECT "10"

Shouldn't a customized DX DISTANCE PRINTOUT be in your DX shack? Imagine knowing the exact distance to all full-power U.S. and Canadian TV stations! Throw away your globe and string and order a set of DX DISTANCE PRINTOUTS today. Send your latitude and longitude along with \$7 in U.S. funds to the address at the head of this column. SUCH A DEAL!

EASTERN TV-DX			AUGUST 1989		
John P. Cambo (NASFS), 1308 Willow Branch #24, Jacksonville FL 32205			JUNE 1989		
1 Tr	0725	WHMC-23 SC 293	18 Es	1152	KTVQ-3 MO 896
	0725	WOLQ-25 SC 262		1208	KOAA-5 CO 1410
	0725	WRK-35 SC 267		1243	KFDX-3 TX 1013
	2015	SC 23, 35		1259	KMID-2 TX 1217
	2115	WJKA-26 NC 334		1305	KTXI-5 TX 1200
	2123	WUNJ-39 NC 334		1359	KUSD-2 SD 1246
	2130	WRJA-27 SC 260		1422	KMTV-3 NE 1100
	2130	WPDE-15 SC 312			(KJRH-2, KSNC-2, KSNW-3 in all afternoon)
	2141	WGSE-43 SC 295			log, but Es in/out
	2144	WUNM-19 NC 416			2130 KGAN-2 IA 1000
	2144	WLTX-19 SC 267			2330 CKCO-2 ON 1010
3 Tr	0013m	WJKA-26 NC 334	19 Es	2330	CKVR-3 ? ON T
	0013m	WTAT-24 SC 216			+ other unIDs-2, 3
5 Tr	1656	Wilmington U's	20 Es	1102	unID-2 cartoons
12 Tr	1658	WJKA-26 NC 334		1310	KIMT-3 IA 1031
13 Es	1352	KGAN-2 IA 1000		1310	KGAN-2 IA 1000
	1357	KUSD-2 ? SD T			1355vunID-5 NBC
	1531	unID-3 CBS		1708	WKAQ-2 PR 1289
	2228	unID-2 Canada CTV?		1712	WORA-5 PR 1244
	2231	WGRZ-2 NY 873			
	2235	CBFT-2 PQ 1136			
	2256	CBFT2-3 PQ 1166			
	2305	CIII2-2 ON 1046			
14 Es	1359	unIDs-2			
Tr	2140	SC 23, 27			
18 Es	1052	KOTV-5 OK 896			
	1057	KXAS-5 TX 911			
	1117	KJRH-2 OK 896			
	1117	KSNC-2 KS 1119			
	1121	KSNW-3 KS 1038			

m=mobile logging

v=VCR logging (tape-delay)

- 1 State #31... "Today" ad with local tag about covering news "here in southern Colorado;" several PSAs showed dual ID with xlr K30AA, with channel #'s shown like a fraction: 9/30
- 2 This has long been one of my "10 most wanted" skip stations, both in Orlando and here, for years! I've had lots of tentatives on it, but this is the first-ever positive ID!
- 3 Telemundo (XEW-2) programming, then local break. I always thought they were local origination only, but apparently they now run some KEM net stuff, too.
- 4 Logo as to right... seen before, what is this?

EQUIPMENT: Archer V-110 and UHF 4-bay on roof of 2-story building (about 30' AG), turned by Archerator; Sears 9" B&W TV, Sears 5" B&W TV, Mitsubishi HS-3283UR VCR, Brooksonic 2" multi-standard B&W TV, Radio Shack mobile VHF-UHF TV antenna.

There have not been a lot of really good Es openings, and my available DXing time has been severely limited by my jobs. I haven't really taken the time to tape-delay skip openings, either... at least not in as routine and dedicated a fashion as I did last summer. The highlight was logging KOAA-5 for my first-ever CO logging.

(NOTE: I am running the following in this column because (a) I have the space, and (b) there hasn't been a Statistics or TV-CCI column in ages. Until these columns begin appearing on a regular basis again, I will run reporters' stats and unIDs on a space-available basis, if they request it---jfc)

STATISTICS as of 7/1/89:		311 total stations logged	31 U.S. states (+DC)
		160 UHF	2 Canadian provinces
		22 translator/LPTV	2 Mexican estados
		85 E-skip	3 other foreign countries
		1 meteor scatter	39 total political units

UnIDs:			
Thu	May 4	Es ch 2	1533 EDT --- Definitely a Dom. Rep. stn, but which one: Tele-Antillas or ColorVision? Variety-type show, apparently live, included political talks, games for adults and kids, phone-ins, live music, etc. OM and YL alternated hosting duties. Any ideas?
Sat	May 13	Es ch 2	0030 EDT --- ID had Leg Trent and Channel 2 News, then begin "Cheers." This was not a syndicated rerun, but apparently a delayed NBC as it included the NBC stereo super over the opening, followed by a "STEREO2" super keyed locally. PTA: unknown.
Fri	May 19	Tr ch 14	0757 EDT --- "Body by Jake," then something with Kenny Rogers noted after 0800. Suspect WANA-14 in Rome GA.
Sat	May 20	Es ch 3	1244 EDT --- Discussion show "The Money Line." PTA: Northeast, Canada.
Sun	Jun 18	Es ch 2	1341 EDT --- "Facts of Life." PTA (Probable Target Area): Midwest/Rockies.
		ch 2	1406 EDT --- "Little House on the Prairie." Same PTA.
		ch 3	1527 EDT --- End "McLaughlin Group." At 1530 "A Second Look" with Bill Moyers. One of several midwest PBSS on 3... hope it's new KSNW! Same PTA.
Wed	Jun 21	Es ch 3	1303 EDT --- Mexican newscast with "eco" logo... I have seen this before: what is it? Jim? Pat? anyone?



SOUTHERN FM DX

AUGUST 1989

Southern FM DX is for DX reporters from: AL, AR, AZ, CA, CO, DE, FL, GA, KS, KY, LA, MD, MO, NC, NM, NV, OK, SC, TN, TX, UT, VA, & WV. Also DC. Please report soon!!

Danny Buntin
1312 N. Skyline
Stillwater, OK 74075

DEADLINE: 10th

JUNE'S DX NOT AS LIVELY AS MAY'S WITH MOST REPORTERS.

Keith D. Pugh, 227 Martin St., New Hope, AL 35760

Equipt: Onkyo T-9090, Probe 9

5/29 Es	1909 KMGH	93.9 AZ	Flagstaff, ID
1916 KLYT	88.3 NM	Albuquerque, K-light	
5/30 Es	2015 CJEZ	97.3 ON	Toronto, ID
2020 CING	107.9 ON	Burlington, r, FM-108	
2023 WBUF	92.9 NY	Buffalo, ID	
2031 CKFM	99.9 ON	Toronto, r, ID	
2032 WQCR	98.9 VT	Burlington, lcl. ads	
2033 CHUM	104.5 ON	Toronto, r, lcl. ads	
2037 CHOM	97.7 PQ	Montreal, "shom FM"	
2040 WUUU	102.5 NY	Rome, U-102	
2041 unID	100.9 //	102.5 WUUU	
2046 CBL	94.1 ON	Toronto, "CBC #"	
2051 WNTQ	93.1 NY	Syracuse, ads	
2052 WEZF	92.9 VT	Burlington, ID	
2058 CJCL	96.7 ??		
5/31 Es	1909 KKLX	92.9 ND	Grand Forks
1910 KYRS	94.1 MN	Atwater, k, ID	
1911 unID	95.3 r, "I-95", ment.	Kado or Man-kato	
1916 KZZY	103.5 ND	Devils Lake	
1918 KQLX	106.1 ND	Lisbon, \$, ID, ex106.3	
1921 KQWB	98.7 MN	Moorhead, r	
1923 KYCK	97.1 MN	Crookston, ID	
1925 unID	93.5 ads,	"east jay 12 in Basette", "MN Paints"	
1928 KQAA	94.9 SD	Aberdeen, "KQ-95"	
1928 KIXX	96.1 SD	Watertown, ad	
1931 KNOX	94.7 ND	Grand Forks, Lite Rock 94	
1932 WDAY	93.7 ND	Fargo, "Y-94"	
1937 KCKK	99.7 MN	Marshall, ID, ex 100.1	
1939 KQDY	94.5 ??	Ment. Hickman, (must be Andeney, IA, IB)	
1942 KBYZ	96.5 ND	Bismark	
1945 KKKQ	102.3 SD	Volga, r, ID	
1947 KIWA	105.5 IA	Sheldon, wx, ID	
1948 KMIT	105.9 SD	Mitchell, ID	
1949 KOLY	99.5 SD	Mobridge, ID	
1959 KTRC	103.3 IA	Sioux City, &	
1959 KKLS	104.7 SD	Sioux Falls, ad	
2001 KAYL	101.5 IA	Storm Lake	
2004 KKYA	93.1 SD	Yankton, "KK-93"	
2006 KVDB	94.3 IA	Sioux Center, ID	

Es doesn't look good here in June. As I write this report there are 3 days in June left so something could break. Could be worse though like 1984 with no Es in June, one day in July and that was it. Highlight so far is finally getting ID's from Cuba. 73.

Gus Mancuso, 5615 Inwood St., Hyatts, MD 20785

From Massanutten, VA ski resort from 6/20 to 6/22, from lodge: (ALL newly logged.)

WHRO	89.5 VA	Norfolk	WMHD	97.7 MD	Lexington Park
WTRM	91.3 VA	Winchester	WHFS	99.1 MD	Annapolis
WGTS	91.9 MD	Takoma Pk.	WPLZ	99.3 VA	Petersburg
WPOC	93.1 MD	Balto	WCMS	100.5 VA	Norfolk
WRBS	95.1 MD	Balto	WWDE	101.3 VA	Hampton
WKHK	95.3 VA	Colonial Hts.	WAYZ	101.5 PA	Waynesboro
WLTY	95.7 VA	Norfolk	WKYU	101.7 VA	Lynchburg
WKSU	96.1 VA	Cape Charles	WZST	102.7 VA	Appomattox
WGH	97.3 VA	Newport News	WOWI	102.9 VA	Norfolk

Mancuso, cont...

6/20 to 6/22

WBEY*103.1 MD Grasonville WXRI 105.3 VA Norfolk
 WBSB 104.3 MD Balto WAPP 105.5 VA Perryville
 WNVZ 104.5 VA Norfolk WCEN*106.3 MD Cambridge
 WYFT*107.1 VA Keezletown

*after midnight when local signed off

From top of mtn overlook:

WHYK 93.7 NC Elizabeth City WCVB 101.1 VA Richmond
 WILT 96.1 NC Raleigh WRAL 101.5 NC Raleigh

From construction site about halfway between lodge spot
 and top of mtn: (Mt. Washington band scanner take note!)
 WBSR 103.3 VA Onley WKRE 107.5 VA Exmore

Stayed on north side of lodge this time. Reception was slightly different than from opposite side, not dramatic. As discovered in WV trip(7/89 VUD)DXing from a little below mtn top yield station not found at top or from valley base. Got a good opening to Tidewater the first night during heavy storming. Reception very limited going north and west into mtns but quite adequate toward Delmarva Peninsula and NC.

Tim K. McVey, 9906 El Dee Dr., Ellicott City, MD 21043

Equipment: Pioneer TX-7500 and Stereo Probe 9 at 30'

1/15 trs, ms

1544 WKBN 98.9 OH Youngstown, b "WKBN-FM" 230
 1630 WOMP 100.5 OH Bellaire, CHR "Whomp-FM" 214
 1700 WOWQ 102.1 PA DuBois, K, ID, these and several others
 in that range demonstrate the usefulness of trs on a cold
 winter day on quiet channels. 165
 1555 WHYK 99.1 WI Milwaukee, "...YX,Mix-99", with local WHFS
 off. This was not 99.3 from Harrisburg. 600

3/13 Au

1900 Sorry, no ID's! The entire FM band very noisy and garbled w/antenna to the N. Hash on TV 3, 6. Effects gone by 2100. This Au was too intense, with low-power channels buried many stations deep.

5/30 Es

2105 KMYR 93.7 SD Winner, m\$, calls could be incorrect; heard "S. Dakota's better music mix, Magic 93". New state.
 2108 KVUB 94.3 IA Sioux Center, severe wx bulletin 990
 2109 KYEZ 93.7 KS Salina, k\$, "KY-Country" 1090
 2110 KKEZ? 94.5 IA Ft. Dodge, "Open Line" program; lots of ads for Des Moines businesses 890
 2125 KGRC 92.9 MO Hannibal, rm\$ "KGRC road show", ad 750
 2126 unID 92.1 MO Butler or Sedalia; ads for a K.C. theater
 2123 KLSI 93.3 MO K.C., m\$, "93.9 KLSI" 910
 2128 KDBG? 93.9 KS Dodge City, k\$, over local WKYS! 1200
 2131 KMBR 99.7 MO K.C., j KUUL 98.1 K.C. both w/ lcl ads
 2133 KFUO? 99.1 MO Fulton, c\$, over local WHFS!
 2134 KCWV 98.9 KS Leavenworth, new age, "98.9 the Wave"
 2135 KMAJ 107.7 KS Topeka, m\$, "KMAJ-Magic 108"
 2137 KKUZ 102.5 MO Joplin, bb, freq. ment. of Joplin and Pittsburg 930
 2138 KYYS 102.1 MO K.C., KPMS 103.3 K.C.
 2140 KMZU 101.1 MO Carrollton, k\$, wiped out local WWDG!
 "KMZU, 102 N. Mason, Carrollton, MO 64633"
 2143 KDVV 100.3 KS Topeka, r\$ "The new V-100.3"
 2145 KATT 100.5 OK OKC, pr\$
 2152 KITO 96.1 ?? k\$ "KITO-96-1" Is this Clinton, MO?
 2205 KFDI 101.3 KS Wichita 1050
 (MUF drops rapidly as cloud tries to shift...Okla. ought to be in, but skip falls below TV-2 by 2230)

5/31 tr

0745 Strongest enhancement ever seen to Philadelphia (104 miles) on VHF. Signal levels improved by 60-80 db!
 WEAZ 101.1 PA Phila. o/local WWDG w/full quieting, rare!
 0746 WZFM 107.1 NY Briarcliff Manor, traffic report 240
 0750 WLTW 106.7 NY NYC, against very tough odds 195
 0754 WDHA 105.5 NJ Dover, r\$, "WDHA-FM...." cont. 195

KSPI's FM

Move To a

higher tower

at HIGHER POWER

has moved us a little left on the



dial to 93.7

Tune-in To it!

7/21 tr

7/29 WBAB 102.3 NY Babylon, L.I., "BAB long Island wx", ads, over local WMMJ 240
 0803 WRCH 100.5 CT New Britain, b\$ 280
 0810 WBLJ 95.5 NY NY, r\$, tough to get u/local WFGC and the super-enhanced WFLN-95.7
 0816 WOBM 92.7 NJ Tom's River, lots of local ads 165
 0828 WYNY 97.1 NY NY "Hot 97" u/local WASH
 0836 WNSR 105.1 NY NY, "New York's only soft rock, 105-FM", Took 10 minutes to find just the right null under local WAVA and semi-local WIOV. Even WIOV was over WAVA!
 0840 had to leave for work just as cx were improving,....

Very unsettled weather produced an uneventful spring here, but a stalled area of humid air did produce the tr of 5/31. Those loggings were hard-earned, too (note the time elapsed between entries--a lot of that was careful nulling and off-tuning). I didn't realize when I first moved here that Baltimore, Phila, and NYC all line up along the exact same bearing from my QTH! Any sort of opening that direction just swamps the dial! Interestingly, there's a blessing in this, too, because all those low-power channels (92.7, 93.5, 94.3, etc.) are not allocated near the large cities here. On 5/31 they were all 4-5 stations deep, just waiting to be picked off and written into the log. (Instead of pursuing these, I used my limited time to dig out the rarer NY, CT and MA targets.) It's been fun...hope to see many of you at the convention. 73.

Fred Laun K320, 5801 Huntland Rd., Temple Hills MD 20748

The XXL and I drove to Georgia last week. While heading to Plains, GA from Albany, GA to see Jimmy Carter's home town, we noticed a nice opening to the midwest on our car radio. Equip.: Honda car radio, whip antenna. Enroute from Albany to Plains, GA, time EDST:

6/18 Es

1104 KEZU 94.5 KS Scott City
 1119 KNID 96.9 OK Enid
 1123 KECO 96.5 OK Elk City
 1136 KQMJ 99.5 OK Henryetta

6/18 Es

1139 KATT 100.5 OK Oklahoma City
 1141 KFDI 101.3 KS Wichita
 1147 KLAU 101.5 OK Lawton
 1152 KLTE 101.9 OK Oklahoma City

Later, while driving from Americus to Macon, GA, we received the following stations, all in El Paso, TX: 1352 97.5 KBNA, 1357 94.7 KLTO, 1446 93.1 KAMZ. 73

John M. Jefferson, 4104 Spyglass Court, Antioch, CA 94509-6051

Time for an update, I think. June started poorly, but has shown signs of life the last few days. On the 20th the skip was all over - Mexico to Manitoba & British Columbia - with several new loggings and a bunch that were new to Antioch. Underlined is new; dashed underline is new mode; @ means new to Antioch. # indicates the aux Mack with aux antenna in garage; all others with newer Mack & S/probe 30' up.

TIME	CALLS	FREQ	ST	CITY	DIST	REMARKS
8/21/89	ES					
2259	CKUA130	91.3	AT	Drumheller	1055	CKUA s/off
8/24/89	ES					
2203	KLUV	98.7	TX	Dallas	1425	K-Love
2248	KRLB	99.5	TX	Lubbock	1160	Calls
2251	KIXY	94.7	TX	San Angelo	1285	"
2302	KTEG	93.9	"	"		ID
8/27/89	ES					
0951	XHMT	99.5	SI	Mazatlan	1360	Local ref
8/1/89	ES					
1932	KESD	88.3	SD	Brookings	1330	C // 89.7
	KUSD	89.7	SD	Vermillion	1345	Phone verie
2139	KMKK	93.9	SD	Rapid City	1050	Local ref
8/5/89	SL					
0658	KKLU	96.5	CA	Colusa	78	1st day on
8/13/89	TR					
0400	KVCE	89.5	NV	Fallon	200	ID (300w)
8/20/89	ES					
1812	XHHB	94.7	SN	Hermosillo	910	Local ref
1815	KLTO	94.7	TX	El Paso	970	Calls
1816	KLAQ	95.5	"	"		Local ref
1828	KMTH	98.7	NM	Maljamar	1015	c // 89.5
	KENW	89.5	NM	Portales	1050	
1833	unid	93.9	??			K-Love, Q-94
1843	KSID	98.7	NE	Sidney	1005	Calls o/KMTH!
1907	KDSU	91.9	ND	Fargo	1395	Local ann & wx
1910	KQRC	92.3	MT	Ronan	745	Ronan, KQ...
1915	CIZL	98.9	SA	Regina	1230	Zed-99 Cl Hits
1918	CKIT	104.9	"	"		K-105 & lcl

6/20 Es

1923 CFMC	95.1	SA	Saskatoon	1240 C-95 Saskatoon
1926 CBKS	105.5	"	"	CBC Stereo
1932 CIMG	94.1	SA	Swift Current	1080 Local & ph#
1937 CFMM	99.1	SA	Prince Albert	1270 Power 99
1933 KDXT	93.3	MT	Missoula	735 XT-93 Missoula
1959 KALS	97.1	MT	Kalispell	810 Local ref
2002 CBBC	91.7	AT	Lethbridge	925 CBC Stereo
2012 KCND	90.5	ND	Bismarck	1210 Prairie PR
2020 KCGN	101.5	MN	Ortonville	1375 Local
2022 CKUA30	97.3	AT	Medicine Hat	980 // 91.3
CKUA13	91.3	AT	Drumheller	
2024 KCGM	95.7	MT	Scobey	1105 ID
2031 CKUA	94.9	AT	Edmonton	1155 // 97.3
2034 CBYJ	88.3	BC	Ft. St. John	1330 CBC Radio
2039 KZLS	97.1	MT	Billings	860 Amazing FM, Z-97
2052 KDYY	94.5	ND	Bismarck	Local
2059 CBWW	97.9	MB	Brandon	1350 CBC R., MB ref
2130 KUSD	89.7	SD	Vermillion	// 88.3, c
KESD	88.3	SD	Brookings	// 89.7
2131 KTSD	91.1	SD	Reliance	1200 // 89.7
2132 KQSD	91.9	SD	Lowry	1215 // 89.7 & 91.1
2133 KBHE	89.3	SD	Rapid City	// 89.7
2139 KSEZ	97.9	IA	Sioux City	1385 Sioux C., Z-98
2142 KKMA	99.5	IA	Le Mars	1390 Local
2153 KFRX	102.7	NE	Lincoln	1355 Calls
2159 KTSD	91.1	SD	Reliance	Net ID
KIOS	91.5	NE	Omaha	1390 ID
5/24/89 Es				
0938 KEBC	94.7	OK	OKC	1355 ID
0947 KOMX	100.3	TX	Pampa	... watts of
				advertising power, KO...
KPDR	90.5	TX	Wheeler	1200 Calls
0951 KQTZ	105.9	OK	Hobart	1230 KQ-106; now at 100kw
0954 KMML	98.7	TX	Amarillo	1115 Calls; prev MS
1000 KLSR	105.3	TX	Memphis	1200 Calls
1018 KACU	89.7	TX	Abilene	1275 Calls & m
1034 KTLG	99.7	TX	Tye	1270 Calls
1102 KENW	89.5	NM	Portales	Opera // 98.7
KMTH	98.7	NM	Maljamar	// 89.5

Warning to all! CIZL & CIZZ 98.9 Red Deer are both Zed-99. Such originality! CIZL plays classic hits; CIZZ plays new rock. Called both to make sure of who I had, though CIZL seemed obvious from the context. CFMC hit 7 on the meter as it unid'd; I reset the meter last fall when KSHA Redding (180 miles away) hit 12, so most San Francisco stations (40 miles away & usable in stereo barring strong static or occasional multipath problems) rate 2.5 - 3.5. A 7 means the station is immune to almost any static source known to man. Not bad for 1080 miles! Anyway, 341 loggings here in Antioch & 1017 for the Diablo Area log.

Three fairly interesting days this week. Guess I'd better use a lull to bring you up to date. Two corrections to my 5/18 log: 100.3 Hermosillo SN is in fact XHSD despite what they sound like that day. Maybe the announcer stumbled on the D. And R. Sonora on 106.7 may have been Guaymas, not Nogales. A full net ID this morning yielded the following:

XHBB	94.7	Hermosillo
XHCDG	83.3	Clarendon Obregon
XHNE	105.9	Nogales
XHGUA	106.9	Guaymas
XHHILL	90.1	Benjamin Hill
XHMZQ	99.3	Tecache

No 106.7! Either they gave an out-of-date frequency for XHNS or XHGUA, or the latter was off-channel. I'm guessing XHGUA's channel was mis-stated. Nogales is very close for skip that high, whereas Guaymas is at a more comfortable range & between the others which were in that day - XHBB & XHCDG. cont....

6/26/89 Es

1959 KJTY	88.3	KS	Topeka	1390 Local ref
2007 KZNA	90.5	KS	Hill City	1195 // 91.1
KANZ	91.1	KS	Garden City	1120 // 90.5
2015 KWTG	98.7	MO	Springfield	1545 Springfield ref
2029 KWEN	95.5	OK	Tulsa	Local ref
2031 KNYD	90.5	OK	Broken Arrow	1425 Calls
2038 KOSU	91.7	OK	OKC	Jazz; CDT
2053 KGAM	90.7	KS	Wichita	1320 Calls; K-Jam
2058 KWNH	95.5	OK	Tulsa	1420 ID; K-95
KMOD	97.5	"	"	ID
2105 KEBC	94.7	"	OKC	1355 Calls
2107 KANZ	91.1	KS	Garden City	High Plains PR
2126 KMML	98.7	TX	Amarillo	1115 Calls; nothing else on band!
6/27/89				
2027 KCGM	95.7	MT	Scobey	1105 Calls
2030 KFNW	97.9	ND	Fargo	1395 Fargo ref; gm
2033 KQDJ	95.5	ND	Jamestown	1300 J-Country, time
KSYM	93.3	"	"	r
2217 KLYT	88.3	NM	Albuquerque	875 Calls
7/1/89 Es				
0649 XEDY	89.7	DF	Mexico	Sp ad & c
0739 KLYT	88.3	NM	Albuquerque	875 K-Light
KRST	92.3	"	"	Albuq ref
0740 KKBQ	93.3	"	"	KOB-FM
0800 XHHB	94.7	SN	Hermosillo	910 SN ref
0802 XHSD	100.3	"	"	Calls, SN
0806 XHVV	93.9	"	"	Calls, MV-FM
0812 XHHB	94.7	"	"	R SN net ID
0843 KQZAF	89.7	AZ	Tucson	635 KUAT ID
KUAT	90.5	AZ	Tucson	735 "
0900 KOY	95.5	AZ	Phoenix	635 Local ads
0901 KOOL	94.5	"	"	Cool-FM; ID
0902 KGRX	100.3	AZ	Globe	New age
0906 XHUAR	106.7	CH	Cd. Juarez	Sp
0923 KEZB	93.9	TX	El Paso	970 Local; B-94
0933 KSNM	98.7	NM	Truth or Conseq	875 Local ad

Based on 1/2 day, July already seems more promising than June. My first new skip logging last month waited until the 20th to show. But I sure would've liked to get an ID on XEDY! Can't imagine who else would have Spanish advertising on 89.7 followed by c. Unfortunately an ad for Lufthansa (non-stop flights to Frankfurt, apparently) without local references isn't wonderful proof, & a movement of the Moonlight Sonata isn't real unusual either. Why couldn't they have had the wx or some such?

I am assuming that the KUAT xlator was K209AF, not K209AC Sierra Vista or K209AS Duncan, because the program director informed me that the latter are aimed away from me while K209AF is aimed NE & NW.

As for the new KGAM Wichita, what a disgusting noise! At equal volume, I'd prefer a jet engine, thank you. It would be less abrasive. And the announcers aren't very literate - they did a PSA for the upcoming "climatic" fireworks display. Or has someone found a way to promote rain with fireworks?

Gus Mancuso, 5615 Inwood St., Cheverly, MD 20785

7/4 Es

1810 unID	95.9	FF, from car leaving work	1858 WMSI	102.9	MS Jackson
1812 unID	94.3	as above, need help	1900 WMSR	99.7	TN Manchester
1814 KTDY	99.9	LA Lafayette	1900 KJMM	92.7	LA Farmerville
1821 WYNN	101.5	LA Baton Rouge	1907 KITT	93.7	LA Shreveport
Rest are from home:			1912 KSMG	94.5	LA Lafayette
1839 KQID	93.1	LA Alexandria, o/local WFOC!	1913 KNYE	101.5	TX Tyler, 2nd go around on this
1843 KYEA	98.3	LA West Monroe	1920 KIXK	95.9	AR Eldorado
1845 unID	99.7	rap mx, maybe WJMI Jackson	1927 WYBE	105.5	FL Mary Esther
1849 KQUS	97.5	AR Hot Springs	1941 unID	106.3	?? rock, "Evil 105"
1854 KZHZ	96.9	LA Alexandria, \$ red light!	1950 WJMM	94.3	TN Lewisburg, cont....

While driving home I noticed local WWIN 95.9 very spotty, so I drove slowly along side of road until I hit a "dead" spot where I heard the above unID French station. Decided to get home ASAP and "go to work". Two central TN catches were widely separated from the rest. Got a few on 88-92 but were not IDing due to network programming, so I decided to concentrate on com. band. This may be one of the top openings in area history. Can only wonder what could have been done with good eqpt. or an earlier start.

Matt Sittel, 220 Brookfield Drive, Kingsport, TN 37663

6/8 Es
1231 CHIQ 94.3 MB Winnipeg, "Q94" 1182
6/11 tr
0111 WAPI 94.5 AL Birmingham, "195" 317
0117 WZGC 92.9 GA Atlanta, "Z93" 216
0123 WAPW 99.7 GA Atlanta, "Power 99" 216
0126 WUSY 100.7 TN Cleveland, KS, "US 101" 168
0134 WQSB 105.1 AL Albertville, calls 256
0136 WLAC 105.9 TN Nashville, "106 FM" 246
0154 WEKS 104.4 GA La Grange, ID 273
0201 WLAP 94.5 KY Lexington, ID 162
0203 WKLS 96.1 GA Atlanta, ID 216
0222 WFOK 97.1 GA Gainesville, "Fox97.1" 164
0242 WKCN 101.1 SC Anderson, ID, rare 132
0246 WDEF 92.3 TN Chattanooga 186
0730 WSPF 98.9 KY Paintsville, calls 103
0739 WKNF 94.3 TN Oak Ridge, ad 100
0749 WCKS 93.1 TN Karns, "93 Kiss FM" 86
0755 WDOO 96.5 TN Chattanooga 186
0802 WHHR 106.1 SC Hilton Head Island 306
0812 WXLK 92.3 VA Roanoke 158
0826 WSLQ 99.1 VA Roanoke, ID 158
6/12 tr? (WTFM-98.5 off the air)
2248 WSB 98.5 GA Atlanta, "B98.5" 216
2259 WRCM 98.7 NC Jacksonville, ID 308
6/15 Es
1943 ZBM 89.1 BERMUDA Hamilton, ac\$, ID1278
2041 WHYY 100.7 FL Ft. Lauderdale, "Y100" 727
6/16 Es
1153 KBAU 94.3 LA Galliano, "Bayou 94" 663
1228 WKQE 93.3 LA New Orleans, "Q93" 627
1232 WQXY 95.7 LA New Orleans, KS, "Y96" 627
1235 WKCW 92.3 LA Laplace, calls 637
6/18 Es
1050 XHAA 93.1 TA Reynosa, ads 1184
1053 KZFM 95.5 TX Corpus Christi, ID 1055
1059 KERA 90.1 TX Dallas, calls 864
1102 KMMX 106.7 TX Terrell Hills, "KMix" 1043
1106 KFOK 102.7 TX Merkel, "K-Fox" 1038
1108 KTFM 102.7 TX San Antonio, calls 1053
1115 KBFM 104.1 TX Edinburg 1167
1117 KCYF 100.3 TX San Antonio, "Y100" 1053
1120 KGLF 103.3 TX Freeport, ad 913
1125 KMY 104.5 TX Orange 783
1126 KOQK 106.5 TX Jacksonville, 872
1137 KSCS 96.3 TX Fort Worth, ID 887
1139 KODM 97.9 TX Odessa, ad 1182
1142 KEAN 105.1 TX Abilene, "Keen 105" 1026
1144 KJJB 105.5 LA Eunice 703
1147 KIOC 106.1 TX Orange, "K106" 783
1159 KBNL 89.9 TX Laredo, ID 1182
1208 KTLK 99.7 TX Tye 1031
1209 KRY 99.1 TX Corpus Christi, "K99" 1055
1215 KVLV 107.9 TX Edinburg, calls 1167
1216 KIW 96.1 TX Harlingen 1166
1220 KTEO 93.3 TX San Angelo 1088
1232 KBIL 92.9 TX San Angelo, "B93" 1088
tr
1244 WXLK 92.3 VA Roanoke, "K92" 158

6/18 Es
1454 KTZA 92.9 NM Artesia, ad 1271
1500 KGZ 88.1 TX Abilene, ID 1026
1518 KIXY 94.7 TX San Angelo, calls 1088
1518 KHOS 92.1 TX Sonora, // to KIXY 1126
1522 KFST 94.3 TX Fort Stockton, calls 1238
1524 KLTY 94.1 TX Fort Worth, calls 887
1534 KNFM 92.3 TX Midland, calls 1174
1543 KBAT 93.3 TX Midland, "The Bat" 1174
6/24 Es
2055 KLLL 96.3 TX Lubbock, "K-Tripe L" 1116
2134 KBIL 92.9 TX San Angelo, "B93" 1088
2201 KBTS 93.3 TX Killeen, "B93 Austin" 948
6/26 tr
0150 WZNS 92.9 SC Dillon, calls, "Z93" 226
0159 WAPW 99.7 GA Atlanta, ID 216
0206 WMAG 99.5 NC High Point, "Magic 99.5" 144
0252 WYCO 102.9 TN Shelbyville, "C103" ID 230
+ unID 90.3 Es at 1142, likely KKED
6/27 tr
2104 WABZ 100.9 NC Albemarle, calls 150
6/29 tr
0136 WPAV 104.1 OH Portsmouth, "FM104 WPAV" 166
at mile 419, I-40 in TN:
7/4 MS?
1759 WKXW 101.5 NJ Trenton, calls 560
in Kingsport, TN:
7/4 Es
1949 KTCL 93.3 CO Fort Collins, calls 1249
2142 KKEQ 92.9 TX Houston, "93Q" 878
2151 KIOG 106.1 TX Orange, "K106" 783
2152 KQKQ 106.5 TX Jacksonville, "Hot106.5" 872
2156 KZFM 95.5 TX Corpus Christi, ID 1055
2200 KKED 90.3 TX Corpus Christi, ID 1055
7/5 Es
1913 WQYK 99.5 FL St. Petersburg, calls 598
1917 Radio New Providence, s\$, wx, local ads 104.5 BAHAMAS Nassau 851
1929 WEOU 92.5 FL Key West 827
1934 WOVV 95.5 FL Fort Pierce, ID 633
1938 WRXK 96.1 FL Bonita Springs, ad 699
1940 WGT 97.3 FL Miami, promo 747
1945 WMRQ 94.3 FL Riviera Beach, "Mix" 681
1947 WJOY 106.7 FL Ft. Lauderdale, "Joy 107" 727
1948 WAXY 105.9 FL Ft. Lauderdale, "Waxy" 727
1955 XHGL 97.7 YU Merida, "Estereo Maya" 1358
2003 WBYM 90.5 FL Tampa, calls 584
2013 WHYY 100.7 FL Ft. Lauderdale, "Y100" 727
2038 WEDR 99.1 FL Miami 747
2059 KMW 89.1 KS Wichita, ID 819

June and early July has produced some very fine quality Es, though not much quantity. Some great new loggings, very unique, like Bermuda and Bahamas. Am curious as to power output on both. On 7/5 104.5 was about the strongest station of all! Also Cuba tentative on 102.9. Then XHGL! There were 34 unIDed on 7/5 also. Although short range, strong signals! See you in Syracuse!

June 11th was a very good general tropo situation, bringing DX in from all directions. A thunderstorm June 12th knocked off WTFM allowing some new loggings. On June 15th while getting FL TV I stumbled onto Bermuda! Had news and ID. 6/16 produced some short skip (as

was common early in the season, it seemed) into LA. 6/18 was a sustained opening of good strength, the first really good opening of 1989. KHOS apparently simulcasts with KIXY at times, says the DJ at KIXY when I called to inquire. 7/4 brought an unusual logging. While driving, WQUT was briefly nulled and suddenly in came "101.5 WKXW" and that was it! 7/5 was probably better than 6/18 due to location of DX. While TV DX to FL isn't unusual at such a short distance, an FM opening of such strength has never before been noticed by me here I read 107.1 and 107.9 in Bahamas are 50 watts only. This station sounded like 100,000 watts, though. Probably audible on the Florida Coast with good equipment. Not sure how Yucatan got in on this opening, but calls and slogan were heard!

David Shapiro, 484 Hammond Drive, Griffin, GA 30223

Hello everybody! Since this is my first time in reporting, let me first introduce myself to you FM DXers. I am interested in AM, FM & TV DXing, although I especially enjoy FM DXing, because the FM Es tends to be much clearer with longer duration than your average TV Es. (And I thought TV Es is supposed to last longer, especially at ch 2. ID) I use a Panasonic AM FM stereo with a pointed FM antenna which I can turn in any direction. I am also a college senior attending Georgia College in Milledgeville, GA and my major is in print journalism, although radio broadcasting is a second interest. This fall I have to take three quarters of French, and I am wondering if there are any FM DXers out there who live in the upper New England states or in all Canadian provinces who can hear French Canadian FM stations, especially the rock ones in Canada? I would like to exchange cassette tapes with you all, so I can practice ear training in the French tongue. Any assistance and interest will be appreciated. (Welcome to Southern FM, David. ID)

6/18 Es
1000 KPLX 99.5 TX Fort Worth, D-Flex, k
1000 KQZY 105.3 Dallas, Cozy 105, lite r

On 7/4, I heard more skip during the evening hours. UNID French-Canadian on 96.1 with rock & phone requests in French., unID station in central New York playing rock on 94.1 I normally hear FM stations from the Atlanta-Macon region playing rock, country, oldies and lite sounds.

Doug Allen, w2cra, P. O. Box 5646, Woodland Park, CO 80866

Eqpt.: Denon TU 800 & Stereo Probe 9 at 25'

6/4 ms, trs

0701 KWKH 93.5 LA Shreveport, "news from KWKH", 3 sec. burst
2022 KNID 96.9 OK Enid, out of noise 90 sec
6/6 tr 465
2001 Amarillo 93.1, 94.1 & 96.9 fairly strg.
2002 KACVt 89.9 TX Amarillo, c

6/7 tr

0700 western NE stations better than normal at 200-300 miles

6/3 tr

2140 Wichita stations fairly strong 417
2142 KXLK 105.3 KS Haysville-Wichita, ID "FM-105"

6/13 Es

1544 WDBR 103.7 IL Springfield, ID

6/20 Es

1951 WQRP 88.1 OH Dayton, ID, promos
1953 WKLR 93.1 IN Indianapolis, ID
1957 WFMS 95.5 IN Indianapolis, IDs
1959 WETU 88.9 IL Charleston, ID
2005 KCLG 89.1 MO St. Charles, ID
2007 CBFC 97.7 BC Vancouver, FF
2011 CPOX 99.3 BC Vancouver, ID, the fox
2148 KXL 95.5 OR Portland, ID
2208 KTPS 91.7 WA Tacoma, local spots
2212 KNSN 97.1 OR Portland, ID, local spots
2219 KGON 92.3 OR Portland, ID
2220 KKEE 94.3 WA Longbeach 94 Key
2223 KMH 89.1 OR Gresham, ID
2237 KOCS 94.9 OR North Bend, "Country 95 K double oh five"
2239 KIQY 103.7 OR Lebanon, ID
2245 KSND 93.1 OR Springfield, IDs
2254 KIMG 98.1 WA Seattle, cl, IDs
2300 KTM 93.7 OR Medford, ID, Power 93
2313 KRED 92.3 CA Eureka, ID
2314 KYRE 97.7 CA Yreka, ID

6/21 Es

0853 WQID 93.7 MS Biloxi, "QLEB"
0859 WMEZ 94.1 FL Pensacola, ID
0901 WKSJ 94.9 AL Mobile, "95 KSJ"
0902 WJST 94.5 FL St. Joe-Panama City, ID
0912 WTTT 99.3 ?? mention of Magnolia, Camden
0908 WTBbt 97.7 FL Panama City
0916 WCKW 92.3 LA Laplace, ID, "reaching the beaches and rocking the shores"
0926 WBSN 89.1 LA New Orleans, ID, g
0928 KLSA 90.7 LA Alexandria, IDs
0936 KBAU 94.3 LA Galliano, lcl spots, Bayou 94

6/22 tr

Wichita stations in at 417 miles

6/26 Es

2053 KATS 94.5 WA Yakima, r, ID
2057 CJJR 93.7 BC Vancouver, lcl spots, no ID
2057 KCMS 105.3 WA Edmunds, g, lcl spot, no ID
2101 KMPS 94.1 WA Seattle, c
2103 KAYO 99.3 WA Aberdeen, ID
2104 KNEV 95.5 NV Reno, local wx
2113 KKEE 94.3 WA Long Beach
2130 KLOS 95.5 CA Los Angeles, ID
2135 KODJ 93.1 CA Patterson, oldies, local spots, no ID
2137 KPSD 94.1 CA San Diego, lcl spots, "Country FM 94"
2138 K??? 88.1 CA? "Rhythm Radio FM 88" HELP!?
2140 KCHO 91.7 CA Chico, NPR, ID
2142 KJOI 98.7 CA Los Angeles, ID
2152 KWAV 96.9 CA Monterey, ID
2202 KALW 91.7 CA San Francisco, local spots, news, no ID

6/27 tr

0840 KUVR 97.7 NE Holdrege, most distant regular 3 kw at 310 mi. Reporting as KKTY, but 12th ed. FM Atlas just received reports this infrequent IDer at KUVR-FM. I'll check it out.

cont....

SOUTHERN FM-DX

6/27 tr. Es
0841-0910 ? 99.3 KS? "High Plains Public Radio" New Station (Ithink) part of "High Plains" net. w/wx for KS-NE-CO plains and ID of several stations (dif. freqs.) on the hour. Have missed ID twice
0920 Wichita stations at 417 mi., full quiet.
0930 KWKL 106.5 KS Ark. City, o/KMCC 455
2118 KXL 95.5 OR Portland, ID
2132 KKEE 94.3 WA Long Beach

Allen, cont.

6/27 Es

2137 KSND 93.1 OR Portland, hot shirt promo
2145 KMGH 94.5 OR Eugene, "Magic 94 FM"
2152 KQTX 93.1 CO Grand Junction, ID. What a surprise; I had tried for this many times!
2154 KCON 92.3 OR Portland, ID
2155 KKSX 97.1 OR Portland, local spots, no ID
2205 KSIT 104.5 WY Rock Springs 280
2218 KWYK 94.9 NM Aztec, full quieting

AUGUST 1989

Es not as good as 1988, but it sure is easier to ID stations with 30 "open" frequencies programmed into the Denon and manually scanned compared to the old receiver analog tuning. I was out of town 6/14 thru 6/20, but found a good Es upon arriving home 6/20. This was one of those times that you wish the band wasn't open so that you could (yes, I know I could have) spend the evening with the family. Hope to 300+ stations by end of this Es season (about 15 months of DXing from here) and then put my TV antennas back up and send some reports to Western TV-DX. If I get a better rotator, I'll be able to get all the antennas up at once! Wonder what that SS station on 95.5 was 5/23 when I had tropo ducting into ne Oklahoma. Any ideas? (No, DB) There was no Es at the time. 73

Ken Simon, 513 6th Ave. S., Lake Worth, FL 33460-4507 EST

3/14 tr

0730 WJCT 89.9 FL Jacksonville, Jax men.
0735 WFSM 90.1 FL Fort Meyers, NPR
0738 WSOR 90.9 FL Fort Meyers, ID

4/8 tr

0735 WFSM 90.1 FL Fort Meyers
w/WUSF/WFSM joint ID
0737 WAYJ 88.7 FL Fort Meyers, g

5/20 tr

1405 WHDK 99.7 SC Hilton Head, live show from beach, also IDs

5/21 tr

0810 WALL 99.5 FL Key West, IDs

5/27 tr

1650 WTRU 99.5 FL Jupiter-Tequesta, pre on air testing, EL, open carrier, ID

5/29 tr

0925 WQYK 99.5 FL St. Petersburg, c, ID

0852 Keys, Orlando both in and out

6/2 tr

0705 WCRJ 107.3 FL Jacksonville, traf.rpt.

0715 WWDJ 106.3 FL Avon Park/Sibring

0720 WAVE 102.5 FL Tampa/St. Pete, wx

0725 WXCR 92.5 FL Safety Harbor, CL

6/10 tr

0900 WJCT 89.9 FL Jacksonville

Nothing very exciting, some Es....WJIS 88.1 and WCIX 87.75 are sort of pests.

Danny Buntin, 1312 N. Skyline, Stillwater, OK 74075

6/16 Es

1035 WNCM 88.1 FL Jacksonville, wx 990

1040 WZZR 92.7 FL Ft. Pierce, 293, r, ads

1042 WHYL 93.5 FL Vero Beach

1045 WXCW 95.3 FL Homosassa Springs

1055 WONE 98.3 FL Titusville, Great 98

6/18 Es

1005 WOKA 106.7 GA Douglas

1008 WPIQ 101.5 GA Brunswick, 101q, r 980

1010 WAEV 97.3 GA Savannah 970

1012 WCEH 103.9 GA Hawkinsville, calls

1019 WDEH 105.3 GA Macon, ad 820

1020 WQIK 99.1 FL Jacksonville

1026 KZAT 102.1 GA Savannah

1030 WCLA 107.1 GA Claxton

1034 WSGY 100.3 GA Tifton, Y-100, ads

1045 WVFJ 93.3 GA Manchester

1056 WCRJ 107.3 FL Jacksonville

1100 WLPT 88.3 GA Jessup 920

1105 WMCU 89.7 FL Miami, g 1255

6/16 Es

1114 WAPE 95.1 FL Jacksonville

1127 WEAG 106.3 FL Starke

1131 WGYL 93.5 FL Vero Beach

1138 WNGS 92.1 FL West Palm Beach

6/20 tr

1005 KHZA 103.9 KS Hiawatha, wx 280

6/27 Es

2100 KSPI 93.7 OK Stillwater, ID ex-93.9 3

7/4 Es, new to air

1324 KCAM 90.7 KS Udall, calls, g 100

Es

1830 WKNC 88.1 NC Raleigh, calls 1060

1905 WODC 88.5 VA Virginia Beach, calls

2100 WJFR 88.7 FL Jacksonville, ID 990

2101 WAPN 91.5 FL Holly Hill, ID, \$

2114 WKA 92.3 FL Orlando, wx 1070

7/7 tr (Thanks to KSPI moving to 93.7)

0216 KOYN 93.9 TN Paris, calls, k, \$ 195

NORTHERN FM-DX

GREG CONIGLIO
5100 GLENWOOD DRIVE
WILLIAMSVILLE, NEW YORK 14221

FOR DXERS in: Canada, ME, NH, VT, MA, RI, CT, NY, NJ, PA, OH, MI, IN, IL, WI, IA, MN, ND, SD, NE, KS, WY, ID, WA, OR, AK, and HI
JULY 1989

DEADLINE: THE 5TH

Some skip was occurring during May, but June has been relatively dry so far. May 30th was the best so far for some of us. What have you got?

JEFF FALCONER

BOX 63

CLINTON, ONTARIO N0M 1L0

EQUIPMENT: Icom R7000 receiver - Creative Design CLP 5130-1, 25 element, log peiodic at 28' with rotator.

APRIL 1989

1 TrS

0015 WDBA 107.3 PA DuBois, mixing with WPLB, Community Calendar pgm

2 TrS

1902 WMBI 90.1 IL Chicago, weather rpt into relig pgm

3 TrS

2200 CKLP 103.3 ON Parry Sound, loc news, ID

2225 CBON 98.1 ON Sudbury, F, m

8 TrS

1643 WPFB 105.9 OH Middletown, k - ID as "Daytons finest country", weather for Miami valley, format change?

9 TrS

1640 WSRW 106.7 OH Hillsboro, weak station mixing with WWW with Cincinnati Reds baseball.

19 TrS

1925 WLKI 100.1 IN Angola, fair with ads

MAY 1989

06 TrS

1131 WRSW 107.3 IN Warsaw, good over WPLB with ads

11 TrS

2235 [WHKO] 99.1 OH Dayton, k - good o/WFMK, ex WHIO

13 TrS

1625 WNCI 97.9 OH Columbus, r - contest offer atop WJLB

20 Es & TrS

1248 WJIS 88.1 FL Bradenton, g

1706 WKPX 88.5 FL Sunrise, p

1708 WQCS 88.9 FL Fort Pierce, p

1711 KBNJ 91.9 TX Corpus Christi, perhaps the one with SS talk

1714 KKBQ 92.9 TX Pasadena, r - 93Q IDs, prev hrd on 92.5

1721 KLDE 94.5 TX Houston ??? Think KLDE is call here, need new FM Atlas!

1725 KTKK 95.7 TX Houston, k - Kick 96

1727 KPMK 97.9 TX Houston, ads

1731 KLUX 89.5 TX Robstown, bm

1950 WBLX 92.9 AL Mobile, ads

1952 WGTZ 92.9 OH Eaton, ads

1959 WGVU 88.5 MI Allendale, j

2018 WUSM 88.5 MS Hattiesburg, cj - state #29 hrd

2021 WMAW 88.1 MS Meridian, PRM Network with pgm of bluegrass mx, ditto next 3 loggings.

2023 WMAU 88.9 MS Bude

2024 WMAE 89.9 MS Mississippi State

2025 WMAA 91.3 MS Jackson

2049 KSBJ 89.3 TX Humble, g - prev hrd on 88.1

2059 KTSU 90.9 TX Houston, j

2110 [KZPS] 92.5 TX Dallas, r - prev hrd as KAFM

2111 KLTY 94.1 TX ???, r - said in Texas but which stn???

2113 KAPT 94.7 TX Luling, ID, ads

2217 Unid 90.1 ?? Station here most of evening with American Indian pow wow chanting

21 Ms & TrS

0210 KLLR 99.3 MN Walker, "...it's your better music choice, KLLR....", local

2056 WSND 88.9 IN Notre Dame, c

Nice to have MUF finally reach FM band after hovering around channel 4 last few days.

Hope it happens regularly. 73,

Jeff

RALPH STROBEL - 106 E. DAVIDSON STREET - MUNCIE, INDIANA 47303

Equipment: McIntosh FM Tuner - CM Stereo Probe 9 Antenna - Summertime is CDT here.

May 1989

3 MS
0303 WRR 101.1 TX Dallas 814
0311 KFAN 101.1 TX Fredericksburg 1020
???? KYPG 101.1 KS Girard, (Class A) 543
(I telephoned KYPG. It was their ad)
???? KWOX 101.1 OK Woodward 802
???? KOSI 101.1 CO Denver 1040

4 MS
0400 WRR 101.1 TX Dallas 814
1640 KMXR 93.9 TX Corpus Christi, 1098
ads \$, ex-KSTE

5 MS
1647 XHSRO 92.5 NL Monterrey, ads \$ 1325
1707 XET 94.1 NL Monterrey, ads \$ 1325
1724 XHSAB 89.5 NL Sabinas Hidalgo 1280

7 MS
1108 KENW 89.5 NM Portales 1071

8 MS
0507 KMZU 101.1 MO Carrollton 434

14 Es
1900 All Albuquerque, NM area 1216
1932 KKBZ 101.1 NM White Rock, mjs, 1190
"NM's Breeze"

1949 KKS 97.3 NM Sante Fe, r\$, 1185
o/WKEE Fort Wayne, IN

2147 KMRE 95.3 TX Dumas, k\$, 960
2153 KLSF 96.9 TX Amarillo, r\$, 965
2156 KSOF 91.1 KS Wichita, g\$, 665
2206 KPDR 90.5 TX Wheeler, t\$, 860
2208 KMML 98.7 TX Amarillo, k\$, 965
2211 KWKL 106.5 KS Arkansas City, mjs, 665
"The light music station for Wichita"

2212 KDJW 94.1 TX Amarillo, t\$, 965
2218 KGAM 90.7 KS Wichita, hard gr\$ 665
(gave address), "K-Jam, your FM-91"

2230 KCEV 88.3 KS Wichita, g\$, 665

16 MS
0638 KPNF 101.1 KS Oberlin, (SID) 795
0641 KPNF 101.1 KS Oberlin, KS nx 795

19 MS
1223 WRR 101.1 TX Dallas 814
1545 KLIR 101.1 NE Columbus 632

19 Es
1846 KGNZ 88.1 TX Abilene, g\$, 961
1900 KNTU 88.1 TX Denton, j\$, 809

21 Es
2002 KCWC 88.1 WY Riverton, j\$, 1195
2009 KTRZ 93.1 WY Riverton, r\$, 1195
o/WKLR Indianapolis

(???? - ID found taped - I was asleep)

21 Es (Cont'd)
2032 KQSW 96.5 WY Rock Springs, k\$, 1255
o/WAZY Lafayette, IN

2052 KW7K 94.9 NM Aztec, r\$, 1250
2058 KGSU 90.5 CO Fort Collins, t\$, 1070
2100 KAFF 92.9 AZ Flagstaff, \$ 1476
2109 KMGH 93.9 AZ Flagstaff, r\$, 1476
2114 KVNA 97.5 AZ Flagstaff, k\$, 1476

23 MS
2345 KLIR 101.1 NE Columbus 632

24 tr (weak, but steady signal)
2352 KLLO 101.1 TX Houston, calls 915
25 tr (again weak, steady, but not MS)

0125 KLLO 101.1 TX Houston, calls 915

25 MS
0530 KMZU 101.1 MO Carrollton 434

26 tr
0600 WLUJ 97.7 IL Petersburg-Springfield, g\$, 233

28 tr
0648 WIKO 94.9 TN Greenville, ads \$ 310
(Mixing w/WOPX Fairfield-Cincinnati, OH)

30 tr
0400 KVNE 89.5 TX Tyler, g\$, 773
previous MS & Es

0435 KABF 88.3 AR Little Rock, r\$, 532
0620 KIXQ 93.9 MO Webb City-Joplin, 533
new frequency, ads, k\$, "Kix-94"

0800 KNYD 90.5 OK Broken Arrow, g\$, 634
previous Es

30 Es
2247 KCWC 88.1 WY Riverton, r\$, 1195
2254 KTAK 93.9 WY Riverton, r\$, 1195

31 Es
1915 KGNZ 88.1 TX Abilene, g\$, 961
1925 KGAM 90.7 KS Wichita, g\$, 665
1937 KMML 98.7 TX Amarillo, k\$, 965
1942 KDJW 94.1 TX Amarillo, k\$, 965
1944 KECO 96.5 OK Elk City, k\$, 830
1948 KKNK 92.5 OK Oklahoma City, b\$, 738
1952 KRTK 93.7 TX Lubbock, k\$, 1017
2000 KEXR 97.3 OK Weatherford, r\$, 794
2007 KSPI 93.9 OK Stillwater, \$, 694

ID during baseball game, previous tr

2102 KCSU 90.5 CO Fort Collins, t\$, 1070
2113 KYCS 95.1 WY Rock Springs, r\$, 1255
2131 KTCL 93.3 CO Fort Collins, pr\$, 1070
2135 KSKI 96.1 CO Greeley, r\$, 1055
2152 KRRA 93.7 CO Craig, r\$, 1140

"CO's newest radio station," ex-KRAI?

2202 KWBI 91.1 CO Morrison-Denver, \$ 1045

Meteor Scatter Findings:

5/3 WRR "...WRR Dallas-Fort..."
KFAN "...KFAN..."
KYPG "...from Chicken Annie's of Girard. Let them cater all your graduation parties for a very low price. Call 724-4..."
KWOX "...brought to you by the bank of Woodward. Some areas of showers and thundershowers...over the Central Oklahoma panhandle..."

5/4 WRR "...don't smoke. Make music in your life instead. At 101.1 this is WRR-FM Dallas-Fort Worth..."

5/7 KENW "...wx for the E. NM area..."

5/8 KMZU "...boys, KMZU..."

and that's wild..."

5/16 KPNF "...KPNF..." (SID)
KPNF "...You're listening to the Kansas Information Network. The number of accidents on Kansas railroads has climbed by four percent last year..."

5/19 WRR "...The Dallas Symphony Orch. announces the sights and sounds of summer. Three outdoor concerts..."
KLIR "...101-KLIR. Aretha Franklin and Elton John...a story..."

5/23 KLIR "...from KLIR, the vortex weather forecast..."

5/25 KMZU "...currently at KMZU, it's 5:30..."

ROBERT ROSS - BOX 4373 STN C - LONDON, ONTARIO NSW 5J2

RECEIVERS: Vikings SC5813, Marante 2226 ANTENNA: Beam

MAY 1989

9 Tr

2308 CFMX1 96.3 ON Mississauga, classical music, ID as CFMX & CFMX1 given at 2330.

14 Es

2300 KOHM 89.1 TX Lubbock, spot for "Music at the turn of the century" Sunday nights 10 to 12 on KOHM-Lubbock into classical mx psm

2306 KZOR 94.1 NM Hobbs, calls, phone dedications on "The Z", OM DJ, into soft rock mx

2320 KFMX 94.5 TX Lubbock, calls, spot for "West Texas Beach Party" sponsored by "FMX", severe wx warnings for Lubbock

20 Es

1714 KSAU 90.1 TX Nadasodoches, reggar psm, calls, into song called "Jamaica Needs Money", talk about Hurricane Gilbert.

1721 KTSR 92.1 TX College Station, calls, DJ "I'm Dan Rush", local ads wx report, ID as "92.1 KTSE" at 1723

1924 WBKN 92.1 MS Brookhaven, c/w mx, time check, ad for Ford Dealer in Brookhaven, concert spot

1936 WBSN 89.1 LA New Orleans, gospel mx, ID as "89 FM with Dave Barnett", "Your Christian Station - WBSN"

2108 KPHN 94.5 AR Barling, OM DJ with ID only "94.5 KPHN FM", mixing and QSB (???-sc)

24 Tr

2245 WNSN 101.5 IN South Bend, ID as "Sunny 101.5", rock mx

2309 WBNI 89.1 IN Ft. Wayne, concert spot in Ft. Wayne, big band and jazz mx, jazz festival spot.

2344 WHKD 99.1 OH Dayton, C/W mx, all new K-99.1 FM, accu weather for Dayton, ex:WHIO

26 Tr

0853 WBLV 90.3 MI Blue Lake, wx for Western Michigan and Muskegon area, ID as "WBLV FM 90.3" into classical music.

GUS MANCUSO - 5615 INWOOD ST. - HYATTS, MARYLAND 20785

Re 5/89 VUD (my letter, pg. 29) I said Bill's bandscan wasn't kosher because stations weren't received in a short one time span. He says they were only stations picked up "regularly": what does that mean? (he meant stations that could be heard daily-sc) Picked up more than once? 5X? 10X? It's analogous to saying you have 25 best friends (I don't get it-sc). To do a bandscan from homebase, I think it would be better to limit it to those stations which always come in. This would make it more like a regular (one time shot) bandscans such as a vacation trip.

I haven't gotten any skip this "summer" yet but I have noticed that "morse code sound" on AM. Can someone explain what that noise is? Keep it up. Gus Mancuso

GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221

EQUIPMENT: Pioneer TX9100 tuner w/roof Radio Shack 5 element FM antenna mounted 20', coax, rotor used.

MAY 1989

13 Trs

1845 WNCO 101.3 OH Ashland, k, calls o/CKOT/WRMM

2226 WPTW 95.7 OH Piqua, over mess with Reds game

14 Trs

1604 WGLE 90.7 OH Lima, ID as FM 91

1730 WKQZ 93.3 MI Midland, Rush AOR, Z 93 - KQZ

17 Tr

2130 WNFA 88.3 MI Ford Huron, dis, Bluewater area mention, o/WAER.

20 Es

1715 KBTS 93.3 TX Killeen, B-93, r\$ by Bette Midler and Dino

1723 KNFO 95.5 TX Waco, k\$ K-95

1726 KCYY 100.3 TX San Antonio, k\$, wx, Y100

1726 KFAN 101.1 TX Fredericksburg, rm\$, K-Fan, satellite fed

1739 KNAV 92.5 TX Navasota, oldies, legal ID, new to air

JUNE 20th Es

1741 KTRS 95.5 WY Casper, "The Wyoming Hit Music Machine"
 1751 KRPS 89.9 KS Pittsburg, NPR
 1835 KTLG 93.3 OK Ada, local ads
 1879 KTRI 95.9 MO Mansfield, calls, ad
 1842 KUKU 100.3 MO Willow Springs, r\$, calls, mention Royals BB
 1857 KHAJ 95.7 OK Ardmore, k\$, strong
 1931 KWJM 92.7 LA Farmerville, wx, Roy Orbison song, ID w/KTBL AM
 1943[WOHT] 95.5 MS Jackson, Hot 95, ex: WLIN
 1948 WTYX 94.7 MS Jackson, 94-Tyx.
 1958 KQID 93.1 LA Alexandria, 93-QID, Radio Candy.
 2038 KHYI 94.9 TX Arlington, promo, Y-95
 2043[KJMJ] 100.3 TX Dallas, r\$, 100.3 Jams, ex: KMEZ
 2107 KVRP 95.5 TX Haskell, k
 2108 KWZD 103.7 TX Hamlin, k\$, Wizard 103.7

20 Es

2100 KNYD 90.5 OK Broken Arrow, legal ID
 2118 WQLT 107.3 AL Muscle Shoals, Q-107
 2115 WIIN 98.7 MS Vicksburg, k\$, Win-98.
 2129 WTYX 94.7 MS Jackson, 94-Tyx, local strength, CHR (\$)
 2144 WTIB 104.9 MS Iuka, local ads
 2145 KZLR 94.9 AR Pine Bluff, r\$, KZ-95
 2147 WCPC 93.3 MS Houston, calls
 2159 WNOE 101.1 LA New Orleans, AM 1060 - FM 101, k\$
 2008 unID 101.9 local strength, only "FM 102", r\$
 2020 unID 96.5 "J-97"

31 Es

1732 90.5, 92.3 Halifax, Nova Scotia
 2000 KEBC 94.7 OK Oklahoma City, k\$, legal ID, Top 7 at 7
 2001 KCSO 90.1 OK Edmonds, ID with Oklahoma City.
 2008 KRKZ 93.5 OK Aftus, All Hit 93-5 KRKZ, Top 10 at 10 promo
 2027 KWEN 95.5 OK Tulsa, K-95 K\$
 2029 KLSC 104.7 TX Lamesa, classic rock (\$)
 2031 KTEZ 101.1 TX Lubbock, k-Lite 101.1
 2035 KRPT 103.7 OK Anandarko, ads
 2041 KUFD 100.3 TX Lamesa, Oldies 101 FM (yes, 101!)

May 30th was one of the strongest E skip openings I've ever seen; it did not last in J though. Many stations were at local strength, even a unID 100.1 (class A) made it to local strength. Toronto was being overrode all night with 95.9 Buffalo being overridden as well. After that though, the was only one more skip, the next day. The first 11 days of June have been FM "skipless" for me. Trops have been poor this year, as well. I would like to explain what I mean by a bandscan. I have spoken with other members and they feel this way too. We feel it should include "regulars", not just a list of local stations. There was some question as to what a "regular" is. It is a station that can be picked up every day with the DXers equipment at his location. Example: Here in Clarence, WHTZ 100.3 Newark is listed on my bandscan. It is not in all the time, but if you sat by the radio all day, you would hear a sign of it each day.

Logos courtesy of Bill Nienavady, Joe Fela, and Larry Fuss. Thanks!



73/
Greg

MARCH 1989

13 Au
 1820 WSIP 98.9 KY Paintsville 600
 13 Es
 1825 CKIS 97.5 MB Winnipeg 1300
 1833 CITI 92.1 MB Winnipeg 92 Citi, FM
 1842 CHIO 94.3 MB Winnipeg Q-94 FM
 1844 CKWG 103.1 MB Winnipeg
 1900 CFTI 92.1 ON Timmins, "CNT" Canadian Country Satellite Ntwrk 620
 1910 CRON24 90.7 ON Kapuskasing, French/MONO 710
 1930 CBCQ 91.9 ON Hearst, FRENCH / RCI 775
 1951 FM NOISE BACK TO NORMAL (1 LED on 99.7)
 2020 FM NOISE ON THE RISE (4 LEDs of 6)
 The following were VERY WEAK, not sure of mode
 2025 WJCH 91.9 IL Joliet, FAMILY RADIO 800
 2035 unID 92.3 AOR station, Z-92, probably KEZO??
 2050 WAAG 94.9 IL Galesburg, FM 95, k
 2100 unID 99.5 ?? ID sounds like WJYM? (Atlas #12???)
 2114 KBEZ 92.9 OK Tulsa (that's odd)
 The following were strong as heck!!
 2220 KESY 104.5 NE Omaha
 2223 WFYR 103.5 IL Chicago, "FIRE" 775
 2223 WRWC 103.1 IL Rockton 840
 2223 KFMQ 101.9 IL Lincoln, 6LEDs!
 2224 KMAJ 107.7 KS Topeka
 2226 KJJG 106.9 ?? "Your home in the Country"
 2228 KRVK 106.5 IA Davenport, 6LEDs
 2229 KLVV 105.3 IA Dubuque, K-LIVE-105
 2230 BAND DEAD AGAIN (Chance to run to the potty)
 Here it comes again, 2 and 3 deep and strong too!
 2235 unID 95.9 CTZ "the music station"
 2237 KEZG 107.3 NE Lincoln, G, "EZ 107"
 2238 KOKQ 98.5 IA Council Bluffs
 2246 KOKZ 105.7 IA Waterloo
 2247 KGRD 105.3 NE Orchard, G 1325
 2249 KDMG 103.3 IA Pella ALL GOLD 103
 2250 KXIA 101.1 IA Marshalltown
 2259 WDCB 90.9 IL Glenn Ellyn 800
 2301 KGGG 94.9 IA Des Moines
 2303 KGBI 100.7 NE Omaha 1235
 28 Tr
 0629 WGTY 107.7 PA Gettysburg "Country 107"

MAY 1989

3 Tr
 1643 WGY 99.5 NY Schenectady (Bill, WGFM did change to WGY-sc)
 8 GW
 1921 WFHN 107.1 RI Fairhaven, THIS IS ONE WEAK STATION. "Bristol County's own music station"
 (I don't doubt it cuz it sure does not make the 65mi across the water at all!!!)
 1947 unID 104.5 ?? The hottest hits, 0104 all hit radio
 9 MS
 1641 WMC 99.7 TN Memphis FM 100
 1913 WRFK 99.7 NC Kannapolis 640

I just realized that I haven't reported since last summer, of course there is a correlation between the quality of reception, available time and DXing. Nonetheless, there was the fabulous Aurora/Es event of March 13th. I've read everyone elses' accounts of it, now here's mine! I got home from work about 5:45PM and as usual, flipped on the switch which a 90 turns on the amp, tuner and dedicated tape deck. At this point I thought it was time to bring the tuner in for repair as there were 4 of 6 LEDs of noise, on all frequencies too. Normal is 1 maybe 2 LEDs. Checking the TV yielded what appeared to be CH E FM overload on all VHF Lo channels.

HARRY J. HAYES - 9 HENRY STREET - WILKES-BARRE, PENNSYLVANIA 18702

EQUIPMENT: GE Superadio/FM Quad Loop

MAY 1989

17 Tr
2237 WCIZ 97.5 NY Watertown, Ex WNCB
19 Tr
2319 WNYS 104.1 NY Buffalo, oldies mx
(calls are WHTT-90)

20 Es
1840 KCPW 94.9 MO Kansas City, Power 95 Rock
1850 KHUM 95.7 KS Ottawa, KS Soft RR "96 Hum FM"
1955 KOUS 97.5 AR Hot Springs, "US-97"

CHARLES GAUTHIER - 3260 BEAULIEU - BROSSARD, QUEBEC 24Z 2P7

EQUIPMENT: JVC RX-150 BK Digital Receiver w/Rabbit Ears

MAY 1989

19 Tr
1025 WRVO 89.9 NY Oswego 209
26 Tr
2200 CBV 95.3 PQ Quebec 146
CBQF 102.1 ON Brockville 126
CHXL 103.7 ON Brockville 126
CHEQ 101.1 ON Smith's Falls 135
2320 CHEZ 106.1 ON Ottawa
o/CIMO Masos 112

27 Tr
0020 CBVE 104.7 PQ Quebec 146
0025 CKCU 93.1 ON Ottawa
heard on 93.2 112
0057 CKRL 89.1 PQ Quebec 146

-Boy, the difference between conventional and digital tuning is amazing! I can't wait for the skip to go over 88 Mhz. The JVC receiver has got 50 dB quieting sensitivity and as you saw in the report its precision is to the tenth (93.1, 93.2, 93.3, etc). For example, since I've got WEZF 92.9 Burlington, VT overloading on 93.0 and 93.1 the only way to pick up WNCB 93.1 was by looking on 93.2, and there it was! Those stations were picked up by rabbit ears; after some tests, I realize that the rabbit ears work as well as the outdoor antenna, without the overloading. That's it for now.

73's Charles

REPORT TO NORTHERN FM DX

BILL NOLLMAN - 8 AUTUMN WAY - BOZRAH, CONNECTICUT 06334

NOVEMBER 1988

1 Tr/MS
1117 WHKS 94.9 PA Harrisburg, "The New Kiss 95 FM" 260
1117 unID 94.9 EZ-95
2 MS
1212 KZLR 94.9 AR Pine Bluff, "KZ95, Arkansas Quality...."
29 MS
2358 WJLV 94.3 WI Barbaroo, "agency in Barbaroo" 910

DECEMBER 1988

5 MS
0654 WDFX 94.9 OH Fairfield, "Here at the top" 440

JANUARY 1989

10 MS
940 WRDX 106.5 NC Salisbury 640

KLCLAM/KYLA-99 FM
P.O. Box 3067
Lake Charles, LA 70602



JOSEPH FKLA - 150 ROBERT PLACE - SO. PLAINFIELD, N.J. - 07080

Equipment - McIntosh MR-78 tuner, a pair of CM Stereo Probe 9s, stacked, with rotor at 40 ft.

Time: ELT

APRIL 1989

19 TrS
1528 {WKNE} 103.7 NH Keene, "KNE-FM", r,
mentions of NH, ex-WNBX 197

MAY 1989

18 Es
2100 WRMB 89.3 FL Boynton Beach, ID, g 1022
19 Tr

2000-2400 Very strong to Providence, Cape Cod
and New Bedford. Fair to Boston.
2048 CBAF-30 107.3 NS Yarmouth, CBC French 480
2143 WVOF 88.5 CT Fairfield, PSA, ID 71
2249 WUMB 91.9 MA Boston, ID, Black pgm. 213
2304 CIOO 100.1 NS Halifax, call + C-100,
ending British rock pgm 618
2306 CBHM 106.5 NS Middleton, ending CBC
mx, into extensive Maritime wx forecasts 562

MAY 1989

20 Es
1850 KYEZ 93.7 KS Salina, "KY-94", k 1239
1923 KFXit 92.1 OK Marlowe, sat. feed,
no local ads, only "Foxy 92" IDs
1931 KKNG 92.5 OK Oklahoma City, b, ID 1304
1943 KTLS 93.3 OK Ada, ads 1282
1950 KADA 96.7 OK Ada, KADA-FM ID, ads 1282
1951 KISR 93.7 AR Ft. Smith, "Kisser 93"
+ call, r. 1146
2045 KBEZ 92.9 OK Tulsa, ID, Big Band
Saturday Night. 1203

NOTES: WLNG-92.1 NY is now running all night
as is WXCX-103.7 MD. Word has it that WCEI-
96.7 MD will be going AN as soon as they
raise power.

73, Joe

BILL KRETSCHMER - 104 KOPP AVENUE - NORTH SYRACUSE, NEW YORK 13212-1606

EQUIPMENT: Yamaha TX900U, 2 CM Stereo Probe 9's Stacked, CAC11 coax, CM 9510 rotor

MAY 1989

20 Es
1818 unID 90.1 Spanish
1819 unID 90.9 NPR
1841 KMOD 97.5 OK Tulsa
1854 KISR 93.7 AR Ft. Smith
1901 WXLt 94.1 MS McComb/Baton Rouge
1925 KITT 93.7 LA Shreveport
1928 KAFX 95.5 TX Daboll
1930 KNUE 101.5 TX Tyler

20 TrS
1820 WGLS 89.7 NJ Glassboro
29 TrS
1142 WWRX 103.7 RI Westerly WQNY null
30 Es

2100 WMPR 90.1 MS Jackson
2100 WOKK 97.1 MS Meridian
2106 WQMS 97.5 MS Oxford, Miss 98
2107 WHRK 97.1 TN Memphis Power 97
2109 WTEG 95.3 TN Brownsville, gospel
2110 WKKZ 103.5 MS New Albany, KZ103
2113 WYNK 101.5 LA Baton Rouge
2132 WTNV 104.1 TN Jackson
2133 WVRV 104.5 TN Memphis Lite FM 104.5
2134 WAKH 105.7 MS McComb, K106
2138 KKKZ 107.5 LA Ruston
2140 WOHT 95.5 MS Jackson Class FM
2142 KITT 93.7 LA Shreveport
2155 KIAL 98.1 TX Texarkana, 98 Rocks
2200 KTUX 98.9 TX Carthage
2200 KNUE 101.5 TX Tyler
2211 KAEZ 95.3 TX Gilmer
2212 KGAP 92.7 AR Gurdon
2219 unID 100.1 oldies
2227 FM Es ends

JUNE 1989

1 TrS/Lightning Reflection (LS)
0237 WEZG 100.9 N Syracuse off
Heavy T-storm, direct lightning
strike knocked them off



P.O. BOX 466 KEENE NH NEW HAMPSHIRE 03431

REPORT
TO
NORTHERN
FM DX



DOWNS BROADCASTING, INC.

P.O. BOX 604

PRATTVILLE, ALABAMA 36067

Tel. 205/365-0393

BILL KRETSCHMER'S REPORT - continued

JUNE 2nd Tr

0238 WEAZ, WCBS-FM 101.1 Mix
 0242 WHUD 100.7 NY Peekskill
 0245 WFMZ 100.7 PA Allentown, WHUD mix
 0249 WEZG Back on
 3 Tr
 0018 WPLR 99.1 CT New Haven WPLM mix
 2306 WGBH 89.7 MA Boston

BILL NIENAJADLY - 98 HIGHLAND AVE. - CLIFTON, NEW JERSEY 07011

MARCH 1989

31 TrS-WNTI off

0750 WBGD 91.9 NJ Bricktown, ID

APRIL 1989

18 GW local 89.1 off

1644 WWFM 89.1 NJ Trenton, ID

24 TrS - WQXR 96.3 off

0349 unid 96.3 country CFMK?

30 Tr/TrS/MS-WQXR off

0108 WNTX 96.3 RI Nantucket, ID

0140 CFMKt 96.3 ON Kingston

0157 unID 96.3 loud beautiful music burst

MAY 1989

3 GW/TrS WSOU and WRTN off

1427 WPKN 89.5 CT Bridgeport, ID, weak!

1524 WSBG 93.5 PA Stroudsburg, ID

1600 unID 93.5 "B 93-5" soft rock (Bill, this is WIBQ Remsen, NY-ec)

7 Es

Brief to 94.1 at 2234, no IDs

14 Es MUF ch6 at 1410 briefly

15 Tr

0125 WPLR 99.1 CT New Haven, OVER WAWZ

0133 WLNE TV6 RI Providence

0155 Atlantic City super strong, Washington and Baltimore on UHF!

2000 Trops even stronger, all Atlantic City in, Philly, South

Jersey all stronger than NYC locals!

UnIDs under 93.9, 99.5, 100.3, 101.9, 104.3, 105.1, 106.7, NYC lcis!

2018 WSNJ 107.7 NJ Bridgeton, slopping on WEBE 107.3

2028 WRDR 104.9 NJ Egg Harbor, stronger than adv WNSR 105.1 local!

2029 WMID 99.3 NJ Pleasantville, Super

2029 WJRL 100.1 NJ Manahawkin

2030 WZXL 100.7 NJ Wildwood OVER WHUD semi local

2040 WDBM 92.7 NJ Toms River, OVER WDRE local!

No slop to Philly, AC, S. Jersey even with ANT pointed to NYC!

18 Es brief MUF to 97.3, ch 3 Tampa logged

2050 unID 96.5 crossover, Fla. likely (probably WPOW, WHTQ is ADR-ec)

20 Es to 99.9 OK/KS/MO/AR/more?

1845 KICT 95.1 KS Wichita, ID

1853 KKAJ 95.7 OK Ardmore, ID, new state, Es distance record

1856 KENV TV6 AR Mountain View "AETN"

1926 unID 96.7 "Magic 96.7" ment Domino's Pizza

unids 94.3, 96.7, 99.9 country, 96.7 oldies, 90.1 ment Minnesota

Public Radio

1938 KOTV TV6 OK Tulsa, ID, ads for Tulsa area, Southwestern Bell

1953 unIDs Cardinals BB on 95.9 and 97.5

Approx fadeouts at 2020

21 Es

Greg noticed Es activity - nothing really developed here, just minor 2 and 4 CCI.

The season is sure here! The Es is getting more frequent and higher MUF each time. The may 20 opening was a good one! I'm sure this year will be excellent! Unusually strong tropes have been noted, with many Philly and Atlantic City stations heard even with the antenna pointed to NYC! I hope to get a positive ID next time around on CFMK, it would be the first Canadian logging here. May super Es grace your airspace! Hope to see y'all at Syracuse. Until then....GOODXING! Bill

5/20 KKAJ 95.7 1322 mi - Best Es! Totals 216 - FMs Whopee!

GREG CONIGLIO
 5100 GLENWOOD DRIVE
 WILLIAMSVILLE, NEW YORK 14221

FOR DXERS in: Canada, ME, NH, VT, MA, RI, CT, NY, NJ, PA, OH, MI, IN, IL, WI, IA, MN, ND, SD, NE, MT, WY, ID, WA, OR, AK, and HI

AUGUST 1989

DEADLINE: THE 5TH

I apologize for the lateness of the last two columns. The column was delayed in the mail TWICE in a row! Hopefully this one will make it! While most considered June to be a bad month, July opened up with a bang! There were several good openings, July 4th seemed to be the best. Some DXers (including myself) feel it was the best they've heard. How about you? Let's see YOUR Summer 89 DX report!...

HARRY J. HAYES - 9 HENRY STREET - WILKES-BARRE, PENNSYLVANIA 18702

EQUIPMENT-GE Superradio, quad loop

5/20/89 Es

1840 KCPW 94.9 MO Kansas City, "Power 95", RR mx (Rock and roll?-ec)

1850 KHUM 95.7 KS Ottawa, "96 Hum FM", soft RR (note calls, Harry-ec)

1955 KQUS 97.5 AR Hot Springs, "US-97"

5/30 Es

2113 KZLR 94.9 AR Pine Bluff, "Z-95" (Sure it's not KZ-95?-ec)

2126 KLAZ 105.9 AR Hot Springs. Not sure of freq. Definitely not

106.3 (New FM Atlas shows them moved to 105.9-ec)

2132 KSNE 104.3 AR Marshall, c/w mx

2147 KKKW 97.1 OK Muskogee, oldies RR, Quick 97, had reverb sound

2156 KJEM 95.3 MO Seligman-Bentonville, RR mx

2200 KQMJ 99.5 OK Henrietta, ID, "Magic", soft RR

2210 KUKU 100.3 MO West Plains, tentative, assume this w/Royals BB

(City of license in Willow Springs. I heard them May 20 and they had a promo for Royals BB so they do play it-ec)

5/24/89 Tr

2248 WKPD 105.3 NY Hornell, really strong w/RR, abrupt sign off at midnight

0000 WKYN 97.5 PA St. Marys, RR mx

7/1/89 Tr

2118 WKPD 105.3 NY Hornell, this in and out strong again and am hoping that this is a harbinger of good tropes tonight. You'll find out next month!

I am mailing this Sunday the 2nd so if I make the column it will be because of divine intervention probably (Someone up there likes you! it made it!-ec) Believe it or not, no Es was noted on FM for all of June. This is record BAD (It was horrible in the Buffalo area too-ec). Is everyone else having such a lousy Es season? Maybe all the moisture here in the East this year will serve to provide us with some good tropes.

That's all for this month.

CHARLES GAUTHIER - 3260 BEAULIEU - BROSSARD, QUEBEC J4Z 2P7

5/30/89 Tr

0100 WRHP 107.9 NY Syracuse

2124 WYNK 101.5 LA Baton Rouge

2129 WJDO 101.3 MS Meridian

2140 WNOF 101.1 LA New Orleans

2200 WBSN 89.1 LA New Orleans

2217 WEVL 88.9 TN Memphis

5/31 Es

2210 WEVL 88.9 TN Memphis

2219 WCLK 91.9 GA Atlanta

2220 WYFK 89.5 GA Columbus

5/11 Es

0300 KUSD 89.7 SD Vermillion

5/25 Es

1359 WPCB 91.9 GA Atlanta

5/27 GW

1700 CJHP 91.3 Fu Montreal, Testing: The Montreal International

Jazz Festival was granted a permit to operate on this frequency from June 29th to July 9 to broadcast concerts into and jazz; power: 20 watts. Good stereo signal; distance: 7 miles.

Equipment: JVC RX-150BK Digital synthesizer receiver; rabbit ears. 73 and good DX

June 1989			14 Es (cont'd)		
1 MS			0922 WGTB	97.3 FL Miami, r\$	1040
0513 KIXQ	93.9 MO Webb City-Joplin	533	0928 WKQS	99.9 FL Boca Raton-Miami	1002
(See end of report for MS information)			(S FL refs. finally!) "Kiss-FM," k\$		
2 tr			0929 WNTF	99.9 FL Palatka-Daytona	760
0550 WPCJ	91.1 MI Pittsford, g mono,	123		Beach, ad \$	
(ID, but NO IDs on hour during the night)			0935 WPOW	96.5 FL Miami, r\$	1040
0831 WMR	107.7 IN Monticello, rk\$	74	0945 WJNK	96.9 FL Fort Myers, r\$	959
3 MS			0951 WQEZ	99.3 FL Fort Myers Beh. b\$	964
0137 KOYN	93.9 TX Paris	719	0958 WSOR	90.9 FL Naples-Port	992
0638 KOYN	93.9 TX Paris	719		g\$, Myers-Cape Coral	
4 MS			15 Es		
0133 KOYN	93.9 TX Paris	719	1210 KMXR	93.9 TX Corpus Christi, r	1098
0142 KTEO	93.9 TX San Angelo	1025	1212 XET	94.1 NL Monterrey, ID \$	1325
0411 KMXR	93.9 TX Corpus Christi,	1098	15 MS		
	Previous Es		1500 KVNE	89.5 TX Tyler	773
5 MS			16 MS		
0525 KRNA	93.9 IA Iowa City	337	0902 KVNE	89.5 TX Tyler	773
0719 KMXR	93.9 TX Corpus Christi	1098	16 Es		
6 tr			1130 WPCS	89.5 FL Pensacola, g\$	682
0458 WDBM	88.9 MI East Lansing, p\$,	180	17 MS		
	on air, "89-FM The Impact"		0448 KMKM	93.9 SD Rapid City, SID,	953
7 MS				Previous Es	
??? KOYN	93.9 TX Paris, finally!	719	18 MS		
1400 KVNE	89.5 TX Tyler	773	0038 KRNA	93.9 IA Iowa City	337
8 MS			18 Es		
0549 KTEO	93.9 TX San Angelo	1025	0917 WMCU	89.7 FL Miami, g\$	1040
8 Es			0929 WSOR	90.9 FL Naples-Port	992
0900 WMCU	89.7 FL Miami, g\$	1040		g\$, Myers-Cape Coral	
0901 WDNA	88.9 FL Miami, p mono	1040	0948 WAVV	101.1 FL Marco, rm\$,	1006
9 MS				"Wave-101"	
0023 WZZU	93.9 NC Burlington,	431	1006 WQLM	92.7 FL Punta Gorda, b\$	935
	Previous tr		1039 KTSU	90.9 TX Houston, s\$	915
0340 KILQ	93.9 CO CO Springs	1040	1047 KQXY	94.1 TX Beaumont, r\$	854
0546 KOYN	93.9 TX Paris	719	1048 KMFA	89.5 TX Austin, wx \$	978
11 tr			1050 WTUL	91.5 LA New Orleans, p\$	754
0337 WZZU	93.9 NC Burlington, r\$	431	1053 KMXR	93.9 TX Corpus Christi, r	1098
0400 WMEV	93.9 VA Marion, k\$	315	1101 KLUX	89.5 TX Robstown, m\$	1108
0500 WPCR	94.9 VA Roanoke-Lynchburg,	335	1102 KOIR	88.5 TX Edinburgh, SS, \$	1210
	b\$, o/WOPX		1126 KOYE	94.9 TX Laredo, r\$	1192
0505 WRVL	88.3 VA Lynchburg, g\$	375	1148 XHSAB	89.5 NL Sabinas Hidalgo	1280
0800 WKSI	98.7 NC Greensboro, r\$	416	1150 KHOY	88.1 TX Laredo, b\$	1192
0858 WOUL	89.1 OH Ironton, f\$	185	1222 XHNK	99.3 TA Nuevo Laredo, \$	1195
0858 WOUC	89.1 OH Cambridge, f\$	197	1422 KPLV	93.3 TX Port Lavaca, r\$	1020
(Both o/WBNI Fort Wayne in different			1425 KLQV	101.1 TX Houston, r\$	915
directions and //91.3 WOUB Athens, OH)			20 Es		
0905 WVTF	89.1 VA Roanoke, VA nx, \$,	335	1529 KTXB	88.1 TX Lubbock, r\$	1017
(in and out o/WBNI w/WOUL and WOUC)			2100 KTSC	89.5 CO Pueblo, r\$	1037
0945 WKSF	99.9 NC Asheville, r\$,	354	2101 KRAZ	96.9 NM Farmington, k\$	1260
	"Kiss-FM"		2120 KCKK	101.1 UT Kanab, k\$, ads	1460
12 tr			23 Es		
0117 WLCS	98.3 MI North Muskegon, r,	217	2055 KMXR	93.9 TX Corpus Christi, r	1098
(WZZY off air on Monday mornings)			24 MS		
12 Es			0031 KTEO	93.9 TX San Angelo	1025
1215 XHNOE	91.3 TA Nuevo Laredo, SS \$	1195	0158 WGSJ	91.1 IL Loves Park-	240
(plus other Laredo area relogs)				g\$, Rockford	
13 MS			29 tr		
0559 KHCD	89.5 KS Salina	658	2148 WBNE	88.5 IL Pekin, g\$,	220
14 Es			o/WMBU/WJIE/KUMR/WGCA		
0821 WJIS	88.1 FL Bradenton, g\$	892	July 1989		
0825 WFIT	89.5 FL Melbourne, p\$	885	1 MS		
0916 WAFG	90.3 FL Fort Lauderdale,	1018	0129 KTEO	93.9 TX San Angelo	1025
o/WBOL, gave address, g\$					

- To Next Page -

July 1989

3 MS			4 Es (cont'd)		
0127 KOYN	93.9 TX Paris	719	1805 KKKK	94.1 CO Montrose, k\$	1200
0211 KMXR	93.9 TX Corpus Christi	1098	1812 KKKL	105.1 CO Denver, r\$	1040
3 Es			1817 KATM	100.7 CO Pueblo, r\$	1037
2100 KUNM	89.9 NM Albuquerque, j\$	1216	"The Cat"		
(on this new frequency already!)			1818 KQKS	104.3 CO Longmont, r\$	1055
4 Es			1821 WOTJ	90.7 NC Morehead City, g\$	600
1611 KLUX	89.5 TX Robstown-Corpus	1108	1824 WRRS	95.1 NC Kinston, k\$	540
	Christi, g\$		o/WAJI Fort Wayne, IN		
1616 KMXR	93.9 TX Corpus Christi, r\$	1098	1827 WRRB	96.3 NC Morehead City, r\$	600
1700 KWVG	95.3 TX Pearsal, nx mono	1090	1844 WOJI	100.7 ?? ?? Where?	???
1701 KMFA	89.5 TX Austin, wx, c\$	978	1849 KZRR	94.1 NM Albuquerque, r\$	1216
1730 WHCJ	88.5 GA Savannah, j o/WMBU	609	1851 KRAI	93.7 CO Craig, d, k?	1140
1745 KTEO	93.9 TX San Angelo, k no \$	1025	1915 KACV	89.9 TX Amarillo, p\$	965
1754 KFLQ	91.5 NM Albuquerque, g\$	1216	1917	(Had to leave to play band concert)	
1800 KWB	91.1 CO Morrison, g\$		2000 WFIT	89.5 FL Melbourne, r\$	885
			(Found on the tape I left running)		

Meteor Scatter Findings:

6/1 KIXQ	"...and Page (?) Country	6/9 WZZU	"...U-93-9..."
Favorites - Kix-94 FM - write it down...		KILO	"...We're Kilo-9..."
6/3 KOYN	"...FM 93-9 KO..."	KOYN	"...KOYN..."
KOYN	"...this morning at, uh,	6/13 KHCD	"...Concordia is checking in
Boot City in Hugo. He's gonna have lots		at 57. Wichita has 68. Salina has 65...	
of bargains and prizes..."		very heavy rainfall. It was Northwest	
6/4 KOYN	"...FM Chicory Valley - KO..."	of the line from..."	
KTEO	"...much fun and KTEO Radio.	6/15 KVNE	"...It's 3 o'clock hour
Plan your Monday nights around the River		on KVNE..."	
Stage with live entertainment for the		6/16 KVNE	"...on KVNE - music
entire family. Losto Hondas begins the		with a difference..."	
season Monday night at the River Stage..."		6/17 KMKM	"...It's 63.
KMXR	"...We're Mix 93.9 KMXR..."		Magis 93.9 KMKM..." (SID)
6/5 KRNA	"...and the new one from	6/18 KRNA	"...on KRNA..."
Stevie Nicks at KRNA..."		6/24 KTEO	"...easy and so much fun to win
KMXR	"...point 9. KMXR playing	on KTEO, so be listening. Cable TV and	
the best hits..."		KTEO - the rockiest deal in the country.	
6/7 KOYN	"...super station where the	Don't miss it!..."	
winnings are - KOYN..."		7/1 KTEO	"...from the West Texas
KVNE	"...and you're listening to	Legend, KTEO..."	
listener supported radio - KVNE..."		7/3 KOYN	"...Boone City. If you have
6/8 KTEO	"...call the...in San Angelo	more information, give me a call at	
for more information..."		'coin,' 784..."	
(t = tentative - SID = Sang ID)		KMXR	"...KMXR and ? productions..."

E-skip has been nothing to brag about here! Most openings have found it difficult to ID stations. Either the reception is too choppy and sporadic, or announcers don't talk to identify the station. On July 2 and 3, Andy Bolin of Charleston, IL (about 140 miles to the west of me), was receiving stations from all over the place. On the 2nd, he had Montana and Florida at the same time. The MUF was only to Channel 4 here. Skip barely made it to the FM band on July 3rd, just long enough for me to ID KUNM Albuquerque, NM on their new frequency of 89.9. Andy Bolin is very strict in the way he counts stations, but now has (as of the 4th of July), a total of 2416 FM stations. Everything is taped and I have visited his home in recent years, so yes, Andy Bolin IS for real. Bruce Elving of Duluth, MN was the first DXer to log 1000 FM stations, while Andy was the first to log 2000. The second DXer to log 2000 FM stations was Pat Dyer of San Antonio. It will be interesting to see who will come in 3rd, 4th, 5th place, etc. Muncie, IN has never been a good location for E-skip. I am too close to the east coast, so finding stations from the coast of North Carolina as I did on the 4th of July is very rare. June 11th was the only real day for tropo. The FM band is so congested that it would be easy to miss an opening. There has been some good meteor scatter here but too often the same relogs are heard. I thought my last two reports would be in the July VUD, but not so. Maybe my second report will be in the August VUD. Let's hope there will still be a few more days of E-skip. Today is July 5th. Skip is now up to Channel 5. Watch for my report next month also. 73 - Ralph

FRED NORDQUIST - 7945 BOXFORD ROAD - CLAY NY 13041 (ELT)

Equipment: Receiver - Carver TX-11a
Antenna - Stacked CM Stereo Probe 9's at 35' AGL
coupled into CAC-11 75 ohm coax. Home-brew band-pass
filter.

Underlined new to log

MAY 1989

3 Tr
1436 WPHF 105.9 PA Philipsburg ID, bluegrass mx (New Sta) 185
5 Es to FL briefly at 1939
1939 WUSF 89.7 FL Tampa ID 1939
7 Tr
1720 WMJI 105.7 OH Cleveland r, ID, (No CHRE QRM!) 305
1744 WCRF 103.3 OH Cleveland g, (No WPHD QRM!) 305
30 Es to MS/LA/TN/AR/MO 2040-2215 MUF:108 MHZ
2107 WSLI 96.3 MS Jackson lcl ads 1073
2121 KXKZ 107.5 LA Ruston k 1161
2125 WWKZ 103.5 MS New Albany "KZ103 FM" 915
2130 WRGB 98.3 TN Camden lcl ads 803
2135 WAPX 91.7 TN Clarksville vc, TC, r, "91 Plus" lcl annt 750
2200 KRJV 96.3 MO St. Louis BB 797
2203 KCKY 95.3 AR Camden "Y95" lcl ads 1128
2208 WABL 100.1 TN Dyersburg ID, West TN vx 859
2211 WBAP 92.7 AR Gurdon ID, Hot Springs ad 1119

JUNE 1989

6 Tr
0932 WKGB 92.5 NY Binghamton ID "102.5 WKGB FM", r (New Sta) 70
10 Tr
1838 WWRX 103.7 RI Westerly "WRX", r (finally) 252
18 Tr (WNHR-102.9 off air briefly to install new xmtr)
1900 CKLH 102.9 ON Hamilton ID/NX 187
2128 WTHT 102.9 ME Portland "FM103 WTHT", r 295
26 Tr (WNTQ-93.1/WCNV-91.3/WAQX-95.7 off MM)
0035 WYEP 91.3 PA Pittsburgh ID, r (Finally) ID 272
0039 WPOC 93.1 MD Baltimore k "FM93 WPOC" 267
0055 WFMU 91.1 NJ East Orange sports talk, ID at 0127 191
29 Es to NE/SD 1220-1242 MUF:105.9 MHZ.
1223 KSDZ 95.5 NE Gordon ID 1310
1228 KMIT 105.9 SD Mitchell lcl ad 1098
30 Tr (Upgraded Antenna system with Stacked CM Stereo Probe 9's
and CAC-11 Coax lines-with noticeable gain improvement).
1806 WXXW 103.3 NY Vestal "Mix 103 FM", ID (New Sta) 70
1153 WBLB 93.7 PA Dallas k, "93-BLS" (New Sta) 130

Totals now up to 1440. Not much Es noted in June. Hope skip picks
up in July. Tropo CX have improved as expected. Vacant channels are
really being plugged up with all these new semi-locals coming on the
air. New loggings can still be had by catching locals off the air
for maintenance, storms, etc. 73-Fred.

JEFF FALCONER - BOX 63 - CLINTON, ONTARIO N0M 1L0

MAY 1989

30 Es MUF above 107.9

2123 WOOF 99.7 AL Dothan, "Woof" IDs
2124 WZGC 92.9 GA Atlanta, Z-93 IDs
2127 WPCF 100.1 FL Panama City Beach, ID
2128 WKHX 101.5 GA Marietta, k - Kicks 101.5
2130 WDUV 103.3 FL Bradenton, b - The Dove
2133 WJGA 92.1 GA Jackson, wx rpt for middle GA
2135 Unid 92.1 ?? One here with Atlanta Braves baseball (playing the Cubs)
2138 WCGQ 107.3 GA Columbus, ID, prev by Ms
2139 WYAY 106.7 GA Gainesville, ads
2141 WFYV 104.5 FL Atlantic Beach, r - Rock 105
2151 WMMZ 93.7 FL Ocala, r - 93.7 Z
2153 Unid 107.9 ?? Stn with wx rpt for Gulf Coast, likely WPFM, Panama City FL
2155 WRBQ 104.7 FL Tampa, r - Q 105, watch this one as WAGQ, Athens GA is
also here with Q 105 IDs, mentions of USF clinched ID
2158 WMMK 92.1 FL Destin, k - K 92

JEFF FALCONER'S REPORT - continued

MAY 30 Skip cont.

2159 WVFI 93.3 GA Manchester, g
2200 WJXR 92.1 FL MacClenny, ID (think this may have been my unid w/Braves
baseball above)
2200 WWOL 91.9 FL Lakeland, ID
2201 WBAM 98.9 AL Montgomery, r - Bam 99
2202 ???? 93.3 AL Evergreen, mystery here with station ID as K 93 - 3,
and AM 1470, Evergreen. WEGN listed on 93.5 so maybe
call and freq change has recently taken place???
Unid station using these calls
2213 WWZR 94.5 ??
31 Es MUF 105.1 & TrS
1758 WMBT 90.1 IL Chicago, very strong with traffic rpt
2001 KGZ 88.1 TX Abilene, g
2014 KVAZ 91.5 OK Henryetta, g
2017 Unid 100.1 MO? Unid with Kansas City Royals baseball - pregame show
2022 KAFY 94.3 ?? Unid with these calls, I need new FM Atlas !!!
2027 KTEG 93.9 TX San Angelo, k
2028 KOKL 94.3 OK Okmulgee, ID
2031 KBLL 92.9 TX San Angelo, r, contest promos, logging # 600?
2036 KAMO 94.3 AR Rogers, ads, ID as the new K Moe
2038 KIXY 94.7 TX San Angelo, r, Kixie ID
2056 KWZD 103.7 TX Hamlin, k - the Wizard
2111 ???? 93.5 ?? Unid IDing as Oldies 93.5
2113 WHMI 93.5 MI Howell, ID
2115 WSGR 91.3 MI Port Huron, p - College radio ID, 120w and only 2nd time
hrd
2240 WKKI 94.3 OH Celina, K-94 IDs, wx rpt, strong

JUNE 1989

1 TrS

2231 WRKT 100.9 PA North East, r - Rocket 101, recently changed calls from
WHYP

4 TrS

0115 WEOZ 94.3 PA Saegertown, testing with tones and music by Dire Straits,
seemed to be having difficulties with audio

13 TrS & Es

2158 WSNY 94.7 OH Columbus, r - Sunny 94 ID
2209 KZPS 92.5 TX Dallas, r - Classic Hits 92.5 ID

16 TrS

1613 WMUR 88.5 OH Oxford, weather rpt

17 MS

0139 KVIL 103.7 TX Dallas, ".....at the Dallas Convention Center...." mixing
with another station during 10 sec burst

EQUIPMENT: Icom R7000 receiver.

Creative Design CLP 5130, 25 element, log periodic at 28' with rotator.

Some nice Es heard already, hope it continues, 73 - Jeff

ROBERT S. ROSS VE3JFC - BOX 4373 STN. C - LONDON, ONTARIO N5W 5J2

EQUIPMENT: V.King SC581D, Marantz 2226, antenna: beam

MAY 30, 1989 Es

2109 WKTK 98.5 FL Crystal River, spot for "Children's Miracle Network"
2122 WFSY 98.5 FL Panama City, ads, spot for oldies show,
"Sunny 98.5", rock mx
2117 WSGY 100.3 GA Tifton, local ads, stn address & ID given, promo
for Classic Cafe
2147 WLWI 92.3 AL Montgomery, C/W mx, ID as "I-92-FM", OM DJ (?-sc)
2200 WUWF 88.1 FL Pensacola, wx rpt, "WUHF-FM Pensacola - Ft. Walton
Beach - University of West Florida", clas. mx
2211 WWZR 94.5 FL Port St. Joe, "WWZR - Z-Rock 94.5"

June 1989

7 Tr

1955 WBWJ 107.7 NY Weathersfield, ex WBVR, "The Wave", new Age jazz
Fusion, yuppy mx!

ROBERT ROSS' REPORT - continued

JUNE 1989

8 Tr
2132 [CKMR] 93.9 ON Windsor, oldies, "More 94", ads Windsor Speedway.

11 Tr
2300 WVAQ 101.9 WV Morgantown, "WVAQ-102-Morgantown", single into Syndicated C/W mx psm 0-102 non IDs

18 Es
0952 WCVU 94.5 FL Naples, MOR mx adv for coastland mall in Naples ID as "WCVU 94.5 Seaview"

1007 WJIS 88.1 FL Bradenton, reigs mx, "Refreshing Joy FM"

1028 WOKD 98.3 FL Arcadia, ad for Arcadia car dealer, "OK98", MOR

1049 WPRK 91.5 FL Winter Park, Rock mx, ID by OM as "The Spark 91.5" Phone number 463-0915

1058 WSEB 91.3 FL Englewood, "WSEB 91.3 FM Englewood", live church service, gospel / choir music

1108 KTSU 90.9 TX Houston, local ada, calls, bulletin board, gospel mx

22 Tr
1843 [WZIP] 88.1 OH Akron, rock mx, "Zip Rock, 88 WZIP FM", weather DJ Craig Russell

23 Tr
0325 [WBBG] 93.3 OH Youngstown, oldies, "WBBG Oldies 93"

0332 WRKU 95.1 PA Grove City, Rock mx, "All nite rock cafe show", Ph# 1-800-686-WRKU. ID as "95 K-Rock"

25 Tr
0909 WKLO 94.5 MI Holland, "KLQ-Battle of the Bands" spot, save address, ID sung out as "94.5 KLQ" into rock countdown psm

0935 WLAV 96.9 MI Grand Rapids, Jazz brunch psm, b/cast live from a restaurant in Grand Haven. Ads, ID as "97 LAV FM"

2026 WCGA 96.5 NY Fredonia, pop mx, "Northern Chautauqua wx", ads, "FM 96.5 Entertainment Guide" save stn addr. DJ Dawn Spicer (off a satellite feed-9c)

25 Es
1556 WRWA 88.7 AL Dothan, classical mx psm, "WTSU 89.9 Troy, WTJB 91.7 Columbus-Phenix City, WRWA 88.7 Dothan" into program called "SOUNDINGS"

BILL NIENAJADLY - 98 HIGHLAND AVENUE - CLIFTON, NEW JERSEY 07011

5/30/89 Es
2038 KTGL 92.9 NE Beatrice, ID and Eagle Non-ID 1162

2044 KRNK 90.3 NE Lincoln, sounded more like KANU 1165

1165

2049 KLDZ 95.1 NE Lincoln, ID 1165

2057 KMEM 96.7 ME Memphis, ID and baseball 937

2058 KEMV TV6 AR Mountain View, ID, "AETN" 1018

2102 KHLI 94.1 AR Little Rock, ID, new FM state 1072

2108 KSYN 92.5 MO Joplin, ID, excellent signal 1120

2111 KAMS 95.1 AR Mammoth Springs, ads for M. Sprng. and Ozark area 974

2113 KQMX 94.3 MO Rolla, "Max 94", thank Bob Smolarek for IDing this! 958

2117 KRAV 96.5 OK Tulsa, ID 1214

2132 KMOD 97.5 OK Tulsa, ID, AOR 1214

2142 KKYK 103.7 AR Little Rock, ID, Top 40 music 1072

2152 KQUS 97.5 AR Hot Springs, ID "US-97" 1108

2215 KBEZ 92.9 OK Tulsa, b 1214

2220 approximate fadeouts. Opening started on TV-2 at around 1810. Floundered on low band until 2035 when all \$\$\$'s! broke loose! UnID country on 92.5, 94.1, 94.9, 95.1, 96.5, and 96.9. UnID 95.9 mentioned a gospel network. Most productive ever for this DXer!

June 12-16: TV Es noted. After several good and one excellent opening in May, Es and tropes dropped off dramatically in the first half of June! It (Es) did pick up a little in the middle of June, but only to lowband TV. I talked to other area DXers that note the same thing. We still have 2/3rds left of the Es season ahead of us. So hopefully another 3/30 type opening will grace the FM dial once or twice yet. As always, :DDD DXING - Bill!

P.S. Thanks to Bob Smolarek for IDing KQMX and all the other DXers who called about Es activity, met in Clark, N.J. on June 10th and finally met other NJ area DXers; had a great time! C'mon, let's have MORE of these mini-conventions! Thanks to Bill Kretschmer for having us up in Late May; excellent DX area!

JOSEPH FELA - 150 ROBERT PLACE - 80. PLAINFIELD, N.J. - 07080

Equipment - McIntosh MR-78 tuner, a pair of CM Stereo Probe 9s, stacked, with rotor at 40 ft.

Time: ELT

MAY 1989

30 Es
2043 [KTGL] 92.9 NE Beatrice, "The Eagle" + call, r, ex-KWBE/KMAZ 1174

2048 KOAK 95.3 IL Red Oak, ID, ads 1089

2055 KQMA 92.5 KS Phillipsburg, IDs, PSAs, didn't this one change to KKAN? 1315

2100 KUMR 88.5 MO Rolla, promo, ID 945

2111 KINB 107.3 OK Poteau, contest, ID 1166

2117 WJBD 100.1 IL Salem, AM-FM ID, old r 785

2120 KXUS 97.3 MO Springfield, "US-97" 1040

2124 KEOK 101.7 OK Tahlequah, ID, r 1160

2137 KRAV 96.5 OK Tulsa, ID, r 1205

2141 KFDI 101.3 KS Wichita, ads, call 1244

2153 [KHLT] 94.1 AR Little Rock, PSA, call, "K-Lite 94" 1056

JUNE 1989

4 GW
1400 WAAI 100.9 MD Hurllock, k, ID, WAAI hit the air June 1st 155

8 Es
1100 KIWR 89.7 IA Council Bluffs, ID, c 1120

1125 KJYJ 92.5 IA Ankeny, IDs, ads, k 1001

1133 KKRL 93.7 IA Carroll, ID 1066

1232 KQKQ 98.5 IA Council Bluffs, ID, r 1120

14 Es
0950 WJIS 88.1 FL Bradenton, ID, g 1017

1000 WFTI 91.7 FL St. Petersburg, Family Radio feed, local ID 1001

1031 WZEW 92.1 AL Fairhope, "92.1 ZEW", r 1028

1043 WTMG 95.9 FL Tallahassee, "Tallahassee Gold", "Magic 96", old r 892

Tr

1054 WWIN 95.9 MD Glen Burnie, noted running // to WWIN-1400 Baltimore with AM/FM IDs, ex-WISZ/WBKZ/WWIN/WGHT 151

Es

1101 WUWF 88.1 FL Pensacola, ID, c 1005

1115 WJYF 95.3 GA Nashville, "Joy 95", Tifton, GA ads 815

1118 [WRJM] 93.5 AL Geneva, "Classic 94 WRJM", ex-WGEA 919

1121 WBLX 92.9 AL Mobile, "93-BLX" 1025

1122 WMMK 92.1 FL Destin, "K-92", k, Ft. Walton ad 978

MIKE BUGAJ - 69 SHERMAN ROAD - ENFIELD, CONNECTICUT 06082

EQUIPMENT: Carver TX-11, Probe 9 w/rotor at 30' AGL

1/28/89 Tr

1400 WERU 88.9 ME Blue Hill, Jazz, ID

3/13/89 Es
1826 CBWW 105.3 MB Baldy Mtn. CBC mono

1827 CITI 92.1 MB Winnipeg, rock

1831 CKIS 97.5 MB Winnipeg, rock

1836 CKWG 103.1 MB Winnipeg

1838 KSNR 100.3 MN Thief River Falls

1844 CBW 98.3 MB Winnipeg, concert

1844 CBON 97.3 ON Nipigon, mono

1847 CKX 96.1 MB Brandon, local spot

1851 CKSB 93.5 ON Kenora, FF mono

1852 CBON 89.3 ON Thunder Bay, FF

1853 CKSB 89.1 ON Fort Frances

1856 CBQY 98.9 ON Nipigon, CBC mono

1900 CHIQ 94.3 MB Winnipeg, rock

1905 CBQX 98.7 ON Kenora, CBC // 98.9

1909 CITI 92.1 ON Timmins, k, w/CITI.

JUNE 14 Es (continued)

1126 [WLHQ] 96.9 AL Enterprise, "At the Q" ads, r, ex-WIRB 904

1128 WKC 90.7 FL Panama City, ID, c, o/local WFUV 958

1144 WKSJ 94.9 AL Mobile, "95-KSJ" 1025

1148 WKSM 99.3 FL Ft. Walton Beach, "Kiss-FM", local ads, FLORIDA #100 981

1158 WEGS 91.7 FL Milton, ID, g 988

1159 WHIL 91.3 AL Mobile, ID, c 1025

1212 WBBN 95.9 MS Taylorsville, "B-95", Laurel ad 1032

1219 KQKI 95.3 LA Bayou Vista, call + "Quickie Country" 1167

15 Es
2033 WZTA 94.9 FL Miami Beach, ID 1076

19 Tr
Mild tropes to Norfolk

2259 [WKSJ] 96.1 VA Cape Charles, ID, contemporary Christian, ex-WIAV 244

23 GW
2044 WPSC 88.7 NJ Wayne, r, "89-PSC" Local WRSU New Brunswick off for a week! 24

25 Es
1556 KBEZ 92.9 OK Tulsa, ID 1205

1559 KFAV 95.9 AR Huntsville, ID 1092

COMMENTS: A disappointing season so far. Per NRCer John Bowker, the deal between WPRB-103.3 and WYNY-103.5 has been finalized. In the future, WYNY will no longer protect WPRB. However, a similar deal WYNY had with WNNJ-103.7 fell through so they will still be directional, pulling in their signal in that that direction.

Also per John, WPRB may move its XR to the 700 ft. level of the WNJT-52 tower. WKXW-101.5 Trenton is still considering moving off of the WNJT tower, and going to Jackson, NJ - a rather major move of about 23 miles. Reason: They can't crack the Philadelphia ratings so will go after the Jersey shore.

73, Joe.



MIKE BUGAJ'S REPORT - continued

March 13 Skip Cont.

2010 WRJC 92.1 WI Mauston
 2020 KLYV 105.3 IA Dubuque, h-Live 105
 2023 KHAK 98.1 IA Cedar Rapids
 2029 KRVR 106.5 IA Davenport, Lite mx
 2030 WLEN 107.9 MI Adrian, k
 2034 W777 98.3 IL Crest Hill/Joliet (WCCQ?-sc)
 2034 WIBW 97.3 KS Topeka, rock
 2051 KJCK 94.5 KS Junction City
 2051 Aurora noted but no IDs heard
 2214 WNDU 92.9 IN South Bend, rock, "Michiana's Hit FM"
 2222 KTUF 93.5 MO Kirksville
 2224 WLAJ 93.9 IL Chicago, "Lite FM" (calls now WLIT-sc)
 2241 KXIA 101.1 IA Marshalltown
 2245 KLIR 101.1 NE Columbus, "Softrock 101"
 2252 WOW 94.1 NE Omaha
 2259 KFRX 102.7 NE Lincoln
 2300 KAAH 95.5 MO Bethany, "Can country"
 also Talknet, mono
 2310 KTGL 92.9 NE Beatrice, "Eagle"
 3/23/89 GW
 2009 WSKO 97.9 NY New York (ex-1050 khz)
 4/7/89 GW
 2200 WZRT 97.1 VT Rutland, ex-WRUT
 5/15/89 Tr
 2135 WNMB 100.1 MA North Adams, // to WNAW-1230, with only that ID
 on the hour
 2145 WMFT 102.5 ME Camden, "Coast 102.5", soft rock
 5/18/89 Es
 2109 WMCU 89.7 FL Miami, g
 2055 WSOB 90.9 FL Ft. Myers, g (ex 95.3)
 2100 WKZY 92.1 FL La Belle
 2102 WZTA 94.9 FL Miami Beach, r
 2104 WNGS 92.1 FL West Palm Beach, light jazz
 5/18 Tr
 2122 WEHN 107.1 MA Fall River, rock
 2128 WZCL 105.3 VA Norfolk, no more g, a real surprise!
 Cool 105.3, oldies!
 2205 WKRE 107.5 VA Exmore, K-108 country
 2210 WQHQ 104.7 MD Ocean City, Lite Rock Q-105
 WNVZ 104.5 VA Norfolk, Z-104, "The last untamed radio station
 in North America"
 2250 WRSF 105.7 NC Columbia, Surf 105
 5/30/89 Es
 2058 KZOU 98.5 AR Little Rock, r
 2105 WMC 99.7 TN Memphis, FM-100
 2107 KEOK 101.7 OK Talequah, the new Star Station
 2118 KWOC 94.5 MO Poplar Bluff, r
 2121 KZLR 94.9 AR Pine Bluff
 2130 KCYN 103.9 AR Pocatontos, BB game
 2133 KZNN 105.3 MO Rolla
 2136 KDEL 100.9 AR Arcadephia
 2138 WBSL 100.1 TN Dyersburg, SL-100
 "D'burg's Class FM"
 2140 KMSL 100.1 AR Stamps, FM-100
 2143 KIPR 92.3 AR Pine Bluff, Power 92
 2156 KWKW 97.1 OK Muskogee, Quick 97
 2200 KEZO 100.3 AR Jacksonville

96TIC-FM

97.5 KLAKE

FM

Katy Depot
 101 E. Main Suite 255
 Denison, Tx 75020

STATION NEWS: WOLS 93.7 Dallas (Wilkes-Barre), PA is on with country,
 93-DLS. WBRV 101.3 in Boonville, NY seems to simulcast WLLG 99.3
 Lowville. WMXW 103.3 Vestal, NY is on the air. Fred Nordquist reports
 WPHB 105.9 Phillipsburg, PA on the air. WKGB 92.5 Susquehanna, PA is on,
 I believe with AOR. Other news: WRKT 100.9 North East/Erie, PA is now
 Rocket 101 (in stereo) with a classic hits type format. WYLD Pittsboro
 is now WNRJ "Energy 105". 92.3 Cleveland Hts. is now "Hot 92". 88.1
 Akron, Ohio is now WZIP (Thanks Robert Ross!). WHHR 106.1 Hilton Head, SC
 is on, and WLOW Bluffton, SC has moved to 106.9. Per Joe Fela, WIAV 96.1
 Cape Charles has changed to WHSV, with contemporary Christian music. WSHQ
 103.5 Cobleskill and WSHZ 98.3 Rotterdam, NY seem to simulcast, with "Show
 FM"

MARK STRICKERT - 3852 N. OCONTO - CHICAGO, ILLINOIS

Equipment: Panasonic RF-2200 receiver

6/25/89 ITOPS

1120 WVPE 88.1 IN Ekhart, with "Jazz Brunch". Pledge break
 mentioned (219) 262-5650
 1130 unID 90.3 religion (Bible interpretation) conditions into
 N. Indiana / S. Michigan (maybe WBCL?-sc)
 1230 WNNW 98.5 MI Coldwater (surprised it took so long?)
 "American Country Countdown", with long break to promo coverage of
 auto race @ MIS (Mich. Intl. Speedway??)
 1235 unID 98.3 Classic rock or old AOR type music. Music fits WLCS,
 but they usually do good job w/slogans between songs.
 1245 WCUZ 101.3 MI Grand Rapids (new catch?!?), country "WCUZ FM and
 AM", promo for golf-putting contest.
 1255 WMLK 102.1 MI Kalamazoo with NPR "Car Talk", ID from "Campus of
 Western Mich. Univ.", local news
 0101 WSNX 104.5 MI Muskegon (new with those calls), "The New Sunny
 104.5" (I have a sticker with that same slogan from 1985, so
 they can't be very new now, hi), current hit music.
 0103 WCXT 105.3 MI Hart, (2nd time heard) Lite 105.3 with "West Mich.
 weather" 4 light ad/con music

What is odd about the above is what was NOT heard...WKFR 103.3 is very
 rare for some reason, WRHR 107.7 Portage, MI (classic rock for Kalamazoo,
 Battle Creek and sometimes South Bend), not heard at home yet, as well as
 long time missings like WKLB 94.5, WPLB 107.3, and WFLR.

PAUL MOUNT - 471 EMERSON AVENUE - TEANECK, NEW JERSEY 07665-2727

- Tuner: Onkyo T-9090 Mach II
 Antenna: Radio Shack 6-element FM only, in attic, at 25 ft HAAT
 Rotor: Archer rotor (after 6/16)
 Amp: Radio Shack \$25 model just rabbit ears before 6/16

MAY 1989

3 GW

1750 WJSV 90.3 NJ Morristown, high school, p
 1755 WWFM 89.1 NJ Trenton, c, WNYU completely off

JUNE 1989

15 GW

2305 WKDJ 92.7 NJ Middletown, r, call change, regular.

19 Tr

2043 WRSF 105.7 NC Columbia, r, jingle, "Hi-way 32 S in Edenton"
 in spot

2045 WQSR 105.7 MD Catonsville, oldies, 39 db

2100 WYFI 99.7 VA Norfolk, g, Bible Broadcast Network, 40 db

2126 WQHQ 104.7 MD Ocean City, r "better variety of your favorites"
 Q105 - 42 db

2136 WHLM 106.5 PA Bloomsburg, r, "power 106", \$ 38 db

2142 WROX 107.3 DC Washington, r "Q-107"

2200 WJOI 94.9 VA Virginia Beach, fm "Joy 95 love songs" 40 db, maybe

new for me
 Missed out on the only SKIP opening so far. After a local DXers get
 together, I got motivated enough to buy the same FM antenna that Bill
 Nienavadiy uses, and put it in the attic with the Archer rotor and 75 ohm
 coax to the DX room. "On air and DX ready" now. Also added WFRS 88.9
 Smithtown sometime during the spring at 3 am running family radio. So far
 there aren't any stations that I get with the antenna that I didn't get
 with rabbit ears, but choose one class A at a time on crowded
 frequencies like 32.7 & 106.3 easier, and it leaves hands free for
 note taking, pushbutton changing, and rotor turning when DXing, rather
 than holding the rabbit ears in impossible angles with both (tired) hands.
 If this helps any, sometimes WFDU-89.1 Teaneck NJ is off the air until 6
 am instead of nominal 1:15 am sign on (share w/WNYU). If you note them
 off at 1:20 they'll probably be off all night. Also, most of the dB
 readings are 20-30 dBs higher on local and semi-localist the NYCs are now
 close to 100 db and I have to point SW to get the Jersey shore past
 Manhattan. Now I'm all set for some skip. See you in Syracuse.



BOB SMOLAREK - 156 OLDWICK ROAD - WHITEHOUSE STATION, NEW JERSEY 08889

5/30/89 Es

2050 KIWR 89.7 IA Council Bluffs, c
 2058 KMEM 96.7 MO Memphis
 2112 KREP 92.1 KS Belleville
 2117 KUSO 98.5 OK Tulsa, k
 2118 KMCO 101.3 OK McAlester, k
 2119 KISR 93.7 AR Ft. Smith, r
 2120 KXUS 97.3 MO Springfield, r
 2130 KSYN 92.5 MO Joplin, r
 2135 KKUZ 102.5 MO Joplin, r
 2130 KNMO 97.7 MO Nevada
 2140 KFDI 101.3 KS Wichita, k
 2152 KSSN 95.7 AR Little Rock, k
 2155 KHLI 94.1 AR Little Rock, r, K-Lite 94
 2200 KZBR 95.3 MO Owensville
 2205 KOMX 94.3 MO Rolla, r, Max 94

5/31/89 Es

2300 KDCR 88.5 IA Sioux Center

6/12/89 Tr

2100 WAAI 100.9 MD Hurlock, k, new stn.

6/20/89 Tr

2130 WQVR 100.1 MA Southbridge, Red Sox BB

6/25/89 Tr

2300 WPSC 88.7 NJ Wayne, r

6/26/89 Tr

2300 WFRS 88.9 NY Smithtown, 9 relays WFME

The E skip season has been lackluster except for May 30th. It looks like a repeat of last year. Hope to meet many of you in Syracuse.

MORRIS SORESENSEN - BOX 422 - PORT CARLING, ONTARIO P0B 1J0

EQUIPMENT: Sony ICF2010, Sharp FV610 GE Superradio with rabbit ears or whip

5/30 Es

2105 WQPH 91.5 GA Vidalia, gospel
 2120 WWSH 98.1 AL Andalusia, rock "The New 98 Surf FM"
 2128 WHMA 100.5 AL Anniston, "WHMA The New Alabama 100 - Southern and Proud of it"
 2130 WPFM 107.9 FL Panama City, rock
 2134 WHHY 101.9 AL Montgomery, rock, "Y-102"
 2135 WKRG 99.9 AL Mobile, the all new 99.9 WKRG
 2200 WKSJ 94.9 AL Mobile, "95KJSJ" also IDed as WKSJ Prichard - WKSJ-FM Mobile
 2154 WSGY 100.3 GA Tifton
 2156 WABP 97.5 AL Mobile, "Your contest connection WABP FM 97"
 2200 WMBV 91.9 AL Dixon's Mills "Your Christian radio station WMBV Dixon's Mills"
 2218 WQID 93.7 MS Biloxi, "QID"
 (Thanks to WTFDA member and CIDX editor Alain Pepin who went through my logging notes and helped confirm several I had originally listed as unID or tent on this opening!)

5/2/89 Tr

2004 CJBC4 99.3 ON London, CBC French
 2044 CIGM 92.7 ON Sudbury, Blue Jays Baseball
 2051 WBLK 93.7 NY Depew "Power 94 WBLK Depew-Buffalo, Nothing but Power Hits!"
 2100 WMJQ 102.5 NY Buffalo, "Magic 102 WMJQ Buffalo"
 2114 CHEQ 101.1 ON Smith's Falls, Blue Jays Baseball
 2128 WDCX 99.5 NY Buffalo, religion
 2244 WRMM 101.3 NY Rochester, "Warm 101.3"
 6/12/89 Es
 1859 CBTL 90.1 F Millertown, CBC English

Other than a major skip opening to the South on May 30th and a very localized opening to North Central Nfld on June 12th (CJCN TV ch4 Grand Falls and CBTL 90.1 Millertown were the only stations heard!) this year has been pretty slow so far.



GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221

EQUIPMENT: Pioneer TX9100 tuner, roof mounted 6 element Radio Shack FM antenna at 20' AGL, coax and rotor are used

JUNE 1989

6 Tr

1800 WMCE 88.5 PA Erie, rock format, new station.

14 Es

1021 WXDJ 95.7 FL Homestead, new age music
 1025 WAVV 101.1 FL Marco, Wave 101 - WAVV, lite music
 1040 WUSF 89.7 FL Tampa, c\$, // WSPF 90.1 Ft. Myers
 1043 WCTH 100.3 FL Plantation Key, big bands music
 1054 WTKA 92.3 FL Orlando, K-92, k\$
 1059 WUFT 89.1 FL Gainesville, ID over WBSU
 1113 WKES 101.5 FL St. Petersburg, Kesik (?) radio, legal ID
 1115 WKZY 92.1 FL La Belle, heard these calls and phone # for Port Charlotte. Thought Venice changed to these calls but new FM Atlas shows La Belle with these new calls.

1131 WJIS 88.1 FL Bradenton, calls

1154 WWRM 107.3 FL Tampa, rm\$, Warm 107

23 Trs (LOCAL WBLK 93.7 OFF AIR!)

1617 WXIL 95.1 WV Parkersburg, r\$,

2230 WBZZ 93.7 PA Pittsburgh, r, B-94-FM

2239 WKYS 93.9 DC Washington, calls, ads, s, o/CFMO

2246 WKXZ 93.9 NY Norwich, rm, ads, promos, finally heard!

2300 WSTW 93.7 DE Wilmington, r, legal ID

2305 WQIQ 93.7 OH Mount Vernon, calls, Top 40

25 Es

1216 KKEI 90.1 MO Kansas City, Nicaraguan news story

1219 KNGM 91.9 KS Emporia, calls

29 Es

1010 KHCD 89.5 KS Salina, o/CIUT

1026 KOLA 103.9 KS Oden

1055 KEZO 92.3 NE Omaha-Council Bluffs IA, Z-92, A.O.R.

1057 KGGO 94.9 IA Des Moines, r\$, music by Eagles & Yes, legal ID

1059 KJJY 92.5 IA Ankeny, k\$, calls

1104 KDWZ 93.3 IA Des Moines, r\$ 93-3 KDWZ (dropped Z-93?)

1106 KLDZ 95.1 NE Lincoln, calls, oldies format

1118 KKPR 98.9 NE Kearney, Power 99, o/WKLX

1121 KIWR 89.7 IA Council Bluffs, calls heard

1230 KURO 92.1 SD Huron, ID as "U-Rock 92", news update

1238 KQAA 94.9 SD Aberdeen, r\$, KQ-95, White Lion song

1240 KQSD 91.9 SD Volga, South Dakota Public Radio

1241 KESD 88.3 SD Brookings, // KQSD 91.9

1751 KIKK 95.7 TX Houston, calls, k\$

1755 KFMK 97.9 TX Houston, area weather

1759 KJOJ 106.9 TX Conroe, Houston wx, country gospel type music

1800 KPFT 90.1 TX Houston, ID\$

JULY 1989

2 Es

1140 KILI 90.1 SD Porcupine, country music, calls

1742 KISR 92.1 TX College Station, "KISR Star 92"

1759 KAMU 90.9 TX College Station, 90.9 KAMU, weather forecast

1824 KVRP 95.5 TX Haskell, k, 95.5 and AM 1400 ment.

2 Tr

1159 WNMU 90.1 MI Marquette, local ments, 3rd longest tropo

3 Es

2000 WXEL 90.7 FL West Palm Beach, ID

2023 WMCU 89.7 FL Miami, legal ID

2039 WMIE 91.5 FL ← Cocoa Beach, local ments.

2045 WXDJ 95.7 FL Homestead, calls, dropped "The Wave", new age

2105 WTNT 94.9 FL Tallahassee, k

2110 WQPW 95.7 GA Valdosta, Power 96, Top 40

4 Es!!

1721 WKZY 92.1 FL La Belle, calls

1724 WLVE 93.9 FL Miami Beach, Love 94 WLVE

1730 WJXR 92.1 FL Macclenny, local ads

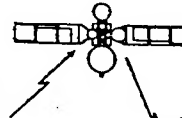
1735 WLKC 93.5 GA St. Mary's, k\$, KC-93

1736 WMMZ 93.7 FL Ocala, Z-93.7, o/local WBLK!

JULY 4 MEGA-SKIP cont.

1740 WZZR 92.7 FL Stuart, local ads
 1740 WGTR 97.3 FL Miami, rp\$
 1741 WHEW 101.9 FL Fort Myers, k\$
 1745 WIJY 107.9 SC Hilton Head, Joy 108 + calls
 1746 WBJW 105.1 FL Orlando, Top 40 music, BJ-105
 1747 WSSX 95.1 SC Charleston, r\$ o/WAPE, 95-SX
 1750 WLOW 106.9 SC Bluffton, big band/EZL, HAS MOVED from 107.1
 They were still 107.1 when I was in South Carolina in March
 1752 WMXJ 102.7 FL Pompano Beach, local ads
 1754 WIVY 102.9 FL Jacksonville, ads, Y-103
 1755 WONE 98.1 FL Titusville, "Great 98", suspected new station
 but July FCC FM News confirmed it.
 1757 WGR 98.7 FL Fort Pierce, rp\$ K-Rock
 1757 WFYV 104.5 FL Atlantic Beach, rp\$, Rock 105 way o/CHUM
 1758 WJYO 107.7 FL Mount Dora, Joy 108, this was completely over
 local WBMW 107.7 for at least an hour!
 1759 WHQT 105.1 FL Coral Gables, Hot 105 fighting with WBJW
 1800 South Florida NWS heard on 162.4 and 162.475!
 1801 WSHE 103.5 FL Fort Lauderdale, rp\$ music
 1801 WSSP 104.1 FL Cocoa Beach, EZL music, legal ID o/strongs local WHTT!!
 1802 WAVW 105.5 FL Vero Beach, ID with Fort Pierce and Stuart
 1802 WHHR 106.1 SC Hilton Head, b\$, legal ID, EZ-106 ment
 1805 WAXY 105.9 FL Fort Lauderdale, a/c over local like WOCL
 1805 WSDS 105.5 FL St. Augustine, calls, ment bumper stickers
 1808 WQHL 98.1 FL Live Oak, calls heard o/CHFI
 1810 WYOC 104.9 FL High Springs, calls, oldies music
 1812 WJHM 101.9 FL Daytona Beach, 102 Jams, crossover or urban
 1813 WLOD 103.1 FL Winter Park, LDQ, o/mess of many Es stations
 1816 WAVV 101.1 FL Marco, Wave 101 and calls
 1817 WDDM 101.3 SC Sumter, urban mx, "The Big DM 101 FM"
 1820 WYKZ 98.7 SC Beaufort, ads, 98.7 Kiss FM
 1821 WRBQ 104.7 FL Tampa, strong!, Top 40, Q-105
 1822 WHLY 106.7 FL Leesburg, r\$, 106.7 - Y 106, Simply Red songs
 1823 WKZQ 101.7 SC Myrtle Beach, ad for a bank in Conway
 1824 WKTM 101.7 GA Soperton, ads over mess, Classics 102
 1839 WBAM 98.9 AL Montgomery, Bam 99
 1840 WJLB 100.7 FL Pensacola, Q-100, CHIN was nowhere to be found
 1845 WPIQ 101.5 GA St. Simons Island, 101-Q, thought it was WTXH
 1852 WSGY 100.3 GA Tifton, Y-100
 1858 WLMG 101.9 LA New Orleans, Magic 102, local ments, don't know
 how this snuck in there?!!
 1858 WDIJ 100.3 FL Orlando, legal ID, rp\$
 1900 WSTF 101.1 FL Cocoa Beach, Star 101, a/c
 1901 WABB 97.5 AL Mobile, r\$
 1912 WKNN 99.1 MS Pascagoula, k\$, K-99, way o/CKD
 1921 UNID 106.7 ad for Spirees Corner
 1925 WBTV 105.5 GA Homerville, many Valdosta area ads, Braves BB
 1934 WUSA 100.7 FL Tampa, lite rock, W-101, local ments
 distinguished this from the other W-101 in Brunswick, GA
 1941 WFSU 91.5 FL Tallahassee, wx, calls
 2000 WRWA 88.7 AL Dothan, o/WBFD, legal ID with WTJB and WTSU
 2001 WMNF 88.5 FL Tampa, legal ID
 2018 WPAF 92.5 FL Panama City, local ads
 2019 WMTM 93.9 GA Moultrie, local ads and mentions
 5 Es
 2140 KSJM 93.3 ND Jamestown, calls, Jingle
 2200 KDDR 92.3 ND Oakes, calls but no legal ID into news
 As you can tell in my report, July 4th was a great opening here. I DXed
 it just south of Buffalo on Lake Erie ON A CAR RADIO AND A BOOMBOX. I can
 imagine what it sounded like at home with the Pioneer/roof antenna. I
 have never heard anything like this, although the closest thing to it was
 August 5, 1986. It was stationary for pretty much the whole opening,
 which lasted 3 hours to Florida, Georgia, and South Carolina. I got a
 perfect signal from a Florida NWS (see Matt Sittel's column for which
 one!), and some area DXers report Es on channel 7! Most people I have
 spoken with feel it was the biggest opening they've DXed. The signal
 strengths were amazing. Some Buffalo locals were wiped out and most
 Toronto stations were gone! I hope some of you got in on it! If you did,
 or heard any other DX, please send in a report to your WTFDA DX column
 66itors. 73, Greg

SATELLITE NEWS



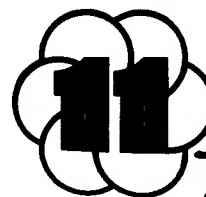
GEORGE W. JENSEN
 4604 Annapolis Avenue
 Baltimore, MD 21206-4220

And now this time around - the Audio Services.. - BUT first, a
 few new bits and pieces - for those keeping track - make the
 appropriate change to last month's listings.

Silent Network which was on Satcom 4 XPDR 23 is now XPDR 16.
 HBO future changes - Promo feed on Satcom 3 XPDR 13 will be
 dropped. HBO West will move to Satcom 3 XPDR 3 (sic)
 The HBO Comedy Channel will be on Galaxy 1 XPDR 1. Effective
 sometime in September.
 RPT TV from Spacenet 1 XPDR 23 to Westar 5 XPDR 17
 Northwest Cable Sports - Satcom 1 - XPDR 18
 Prime Sports Network - Satcom 1 - XPDR 2h - now VCII
 A & E is using the addressable mode - but packager is not yet known.
 Spanish Shopping Channel is on Spacenet 2 - XPDR 7
 Canadian News Channel will be on Anik 2 - XPDR 23

AND NOW THE AUDIO SERVICES:

Satcom 5 - XPDR 24 - KSKA - Anchorage, Alaska
 Satcom 1 - XPDR 4 - Sun Radio Network
 7 - KKKO - Los Angeles, California
 Galaxy 1 - XPDR 2 - Nashville Network Radio
 3 - WFMT - Chicago, Illinois
 Seeburg 2 - Contemporary Hits ?
 7 - CNN Radio
 8 - CNN Radio
 11 - CBN Radio Network
 15 - WQXR - New York, New York
 The Greek Network
 17 - USA Radio Network
 Religious programming Feeds
 Satcom 3 - XPDR 11 - Cable Radio Network - Los Angeles, California
 16 - WNNK - Newark, New Jersey (ethnic Programming)
 ASC 1 - nothing noted
 Telstar 301 - nothing noted
 SBS 5 - nothing noted.
 Westar 5 - XPDR 18 - at least 3 MUZAK services noted I did not notice
 the SBN Sheridan service noted someplaces
 Spacenet 1 - XPDR 9 - WCIE - Lakeland, Florida (FM service)
 17 - numerous In-Store music services.
 KSRH - Ogden, Utah was here once, but not noted lately.
 21 - Lighthouse Inspiration Network - Winston-Salem, North
 Carolina
 Morelos F1 - XPDR 2 - XEPR - Radio Felicidad - Mexico City
 Anik D2 - XPDR 11 - Classical (Chamber) Music
 17 - Radio France International - Paris, France
 Anik C1 - XPDR 6 - CJAD - Montreal, Quebec (CJ80 id)
 12 - Radio France International
 20 - no ID Rock
 CJRT - 91.1 - Toronto, Ontario
 22 - CFTR - Toronto, Ontario
 24 - Background Music
 32 - CFMY Toronto (Brampton) Ontario



Together, we're the ones!

G-Star A2 - nothing noted

Anik D1 - XPDR 2 - CJB feeds

Classical music

Comedy feeds

FM 102 Toronto (CFMY)

6 - CKO Toronto, Ontario

Background Music

CKO Radio Network Feeds

8 - CJCJL - Toronto, Ontario

CHFI - Toronto, Ontario

Feeds

14 - CKAC - Montreal, Quebec

CITE - Montreal, Quebec

CJMS - Montreal, Quebec

CKO Feeds

French News Feeds

15 - CBC French Ethnic music

16 - CBC FM French Classical Service

CBC FM Network English Feeds

18 - CIRK - Edmonton, Alberta

CKER - Edmonton, Alberta

CKO - Alberta network

CISN - Edmonton, Alberta

CKRW - White Horse, Yukon Territory

20 - CEM - Montreal, Quebec

21 - CKNM - Yellowknife, Northwest Territory

22 - CFMI - New Westminster, British Columbia

CBU - Vancouver, British Columbia

CKNW - Vancouver, British Columbia

23 - VOXM - St. John's, Newfoundland

CKRW - White Horse, Yukon Territory/CHON occasionally

24 - CBC - French Classical Network

CBC - English Classical and Cultural Network

G-Star A1 - nothing noted

Westar 4 - XPDR 6 - WCRP - Guayama, Puerto Rico (finesally ID'd)

Telstar 301 - nothing noted despite listings to the contrary

SBS 3 - nothing noted

Galaxy 3 - XPDR 7 - Un ID'd Country/Gospel music service - No WRR Dallas as listed some places.

9 - KSJN - Minneapolis, Minnesota (NPR affiliate)

WCCO - Minneapolis, Minnesota

11 - The 7 Galactic Radio Services plus:

KOA - Denver, Colorado

KSJN - Minneapolis, Minnesota

23 - WRVL - Lynchburg, Virginia

Family Network

24 - BBC - London, England - World Service

SBS4 - nothing noted

Spacenet 3 - XPDR 5 - Installation Audio Text Network

USA Radio Network

Religious network from Dallas, Texas

Contra Radio Network despite what other sources say -

9 - WKEN - Dover Delaware

National Black Network

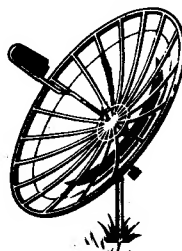
15 - KKGO - Los Angeles, California

Financial Broadcasting Network

Inspirational Radio

17 - Sun Radio Network

RCA K-1 - nothing noted



Telstar 302 - nothing noted

Satcom 4 - XPDR - 2 - Catholic TeleCommunications Network of America Audio

8 - reported - Tidewater Radio - Black Gospel Music?

- KILA - Las Vegas, Nevada

- SOS Radio Network

- Background Music

13 - WJIB - Boston, Massachusetts - barker

15 - Yesterday USA Superstation

21 - Yesterday USA Superstation

22 - WXTR - LaPlata, Maryland (Washington, DC) ID's as XTRA 104

RCA K-2 - nothing noted

Galaxy 2 - XPDR - 2 - North America I - Richland Center, Wisconsin

11 - Capitol Radio - London, England (occasional)

Satcom 2 - 22 - AFRTS Radio Services NOTENOTENOTENOTE - no longer audible

as AFRTS is now scrambled using one of the MAC systems.....

Spacenet 2 - XPDR 5 - Satellite Radio Network

BrazilSat - many audio services are carried, but this is not seen at this

location, so I can't list what's up there

Intelsat VA F-13 - 14 - several occasional news feeds

PanAmSat - - NOTES - ESPN Ku feed now scrambled using a MAC system as well as someone on C-

Argentina Television Color - ch. 7 - XPDR unknown did carry

2 Radio Nacional de Buenos Aires channels when it was on Intelsat

probably still doing so, but I don't live there and thus can't see

it to verify this

Intelsat V-F4 - nothing noted

Intelsat VA-F11 - 14 - Capitol Radio - London, England

- 15 - several Voice of America services - English, Spanish,

Portuguese and Chinese

- 16 - BBC Radio News

BBC World Service

Gorizont 15 -

Gorizont at all west - both carry national Programs I and II out of Moscow.

Again another long column completed. I hope some have noticed that some

information here is NOT carried anywhere else. Where have you seen Delaware

listed as a satellite service? While it may be temporary (I don't think so

as an 800 number was being given for a call in program) You may catch this

if you get this soon. West Coasters - have any of you seen anything coming

from Morelos 2 - which should be activated soon. Who exactly is on XPDR 7

of Morelos 1 - anyone fairly permanently.

Bird Watchers in Latin America or the deep South - do any of you get

anything from BrazilSat - if so what? How's your reception of PanAmSat? (45West)

See you in 30.

YOU CAN SEE THE FUTURE IN OUR EXPANDING GALAXY.



HUGHES COMMUNICATIONS.

FEEDBACK

WTFDAers:

As a member who would like to put my "two cents" in, I appreciate the work the staff does for the hobby every month and thank them for this "Feedback" opportunity. Many of you are sure dedicated and avid, and that makes VUD all the more enjoyable. There are some things about the club that might be changed for the better though. In particular, can anyone justify the make-a-buck attitude that certain members show from time-to-time. I have no problems with the idea of sending in an S.A.S.E in return for a reply to a DXer or to the club staff. That makes sense, especially in the case of the club, because I understand that they do receive several thousand pieces of mail per year, many which require answering (we are listed in some worldwide publications, as I understand it.).

No, my problem is with the person who wants you PAY for information. Not anything elaborate like a database or tech manual. Just something simple and/or of general interest to the club. Let me give you a few examples of what I have seen take place.

I sure would like to get to a WTFDA convention. Most of them have been held in places that are pretty remote from me, some of the places I couldn't even find on the Rand McNally! But it would be nice to read about them anyway. When I first got into the club, I wrote to PO Box 514 to see if I could get a copy of the VUD with a convention report for a recent year's convention. To my astonishment I was told that if I wanted such a report I had to buy tapes of it from the host who was SELLING them!!! Sorry fellows, but this kind of approach is strictly minor league. I can't believe the guy has any kind of "club spirit", because he didn't even write up a report of the convention, send in photos of it, or anything.

It may not be entirely his fault. Maybe he was too busy to write an account of the convention or whatever but surely someone could have volunteered. I noticed in the back issues of VUD I obtained from the supply division there were such articles. Whatever happened to the tradition??? Why not make the host agree in advance to do a report about the convention (to be published in the VUD without compensation, just like the regular staff editors).

It seems to be o.k. with the club board if anyone plugs anything for sale in the VUD? It's good to know about something that's available, but constant "plugola" for a book or newsletter (no matter how great the ceaseless and corny testimonials say they are) as can be seen in one column really drives me up the wall. I get suspicious of those who are into constant self-promotion. They might get ahead in the radio business or in sales or whatever, but isn't the WTFDA supposed to be not-for-profit? To my way of thinking, this adds an element of sleaziness to a DX club and reflects pretty poorly on the credibility of all concerned.

One of the most blatant things in this vein I read quite awhile ago in the VUD, where a column editor seemed to be looking for people to invest money in a business venture, a broadcasting station he wanted to start up. Now there's nothing wrong with that except he was using the VUD, which is published by and for dues-paying members. I say that anyone who does this should be either made to pay for the cost of printing that particular page in the VUD (ie: advertising--wow, what a concept). If we sold ads in the VUD, surely this could help keep our dues low in the future.

You will notice I have not mentioned any names. That is because it was not my intention to offend anyone. I basically like you all and appreciate all your work, I just would like to remind you that WTFDA is supposed to be non-profit. That means not for your profit, not for my profit. Again, I thank the editors for allowing me this space to get on my "soapbox"!

ARE SOME WTFDAERS TRYING TO PROFIT UNFAIRLY FROM THE HOBBY? MEMBER LES REMMER SAYS HE SEES EVIDENCE OF IT IN THE VHF-UHF DIGEST

Les Remmer
7/1/89

A lot of TV stations have forgotten what
"quality" means, but not Channel 62.
They NEVER knew what it meant.



NOW AT A THEATRE NEAR YOU!

ORION